MELTING POT RESERVATION SYSTEM

A Database Design

In Database Management System 1

Presented to the Faculty of CHMSC ITE Department

In Partial Fulfilment

Of the Requirements for the

Bachelor of Science in Information Technology 1

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System Description

        Melting Pot Reservation System used to store and retrieve information and conduct transaction related to rental, or other activities. This system is built to have an easier way to save information to the database and secure the information as well. This system is built also to help the administrator of this system to access the details in smooth operations. To have a transaction to the costumer appropriately and productively.

        Melting Pot Reservation System will be in the flow of the administrator and customer transaction. This system work by processing secure reservation made through a melting pot system. The data is then pass onto a backend system which can be access by melting pot administrator o manage reservation.

        The purpose of this system is to build an application for reserving tables for the customer in the restaurant. User can be allowed to take reservation quickly and easily. This system helps customer with the reservation management. In the existing system, the process is conducted manually that are wasting time and energy. This reservation system is completely under user and administrator control. the customer can choose their reservation as per there preference and time. The administrator doesn't have to maintain a guest book anymore.

        This system also makes its easy to change the status of a reservation once a customer walk in. the customer mentions the day, time and number of people accompanying as a standard procedure for reserving a table.

FEATURES

- This System used to store and retrieve information and conduct transaction related to rental, or other activities.
- This system is built to have an easier way to save information to the database and secure the information as well.
- Access the details in smooth operations.
- To have a transaction to the costumer appropriately and productively.

DATABASE DICTIONARIES

Melting Pot Reservation System provided with the entire Database details such as Field Name, Description, Data types, Character length.

Table 1. tblcustomer

Field Name	Description	Type	length
CUST_ID(pk)	Customer id	int	11
cust_Fname	First name	Varchar	50
Cust_Lname	Last name	Varchar	50
Cust_address	Address	Varchar	50
Cust_Phone	Mobile number	Varchar	50

Table2. tblreservation

Field Name	Description	Type	length
Res_Id(pk)	Reservation id	Int	11
Cust_Id	Customer Id	int	11
FullName	FullName of customer	varchar	50
Address	Address	Varchar	50
Res_event	Reservation event	varchar	50
Contact_no	Contact number	varchar	50
No_of_person	Number of person	varchar	50
res_Date	Reservation Date	varchar	50
Res_Time	Reservation Time	varchar	50

Table3. tblcashier

Field Name	Description	Type	length
C_ID(pk)	Cashier id	Int	11
Employee_Id	Employee Id	Int	11
First_Name	First Name	Varchar	50
Last_Name	Last Name	Varchar	50
Address	Address	Varchar	50
Phone_no	Phone number	Varchar	50
Email	Email	Varchar	50

Tableno.4 tblpayments

Field Name	Description	Type	length
Payments_no	Payments number	Int	11
Cust_Id	Customer id	Int	11
Name_of_customer	Customer name	Varchar	50
Name_of_cashier	Cashier name	Varchar	50
Total_amount	Total amount	Varchar	50

Tableno.5 tblemployee

Field Name	Description	Type	length
Employee_Id	Employee Id	Int	11
Employee_Fname	First Name	Varchar	50
Employee_Lname	Last Name	Varchar	50
Employee_Address	Address	Varchar	50
Position	Position	Varchar	50
Hire_Date	Hire Date	Varchar	50
Salary	Salary	Int	11

ENTITY RELATIONSHIP DIAGRAM

ERD shows the system entity relationship in each entity and their suppose functions in each relationship.
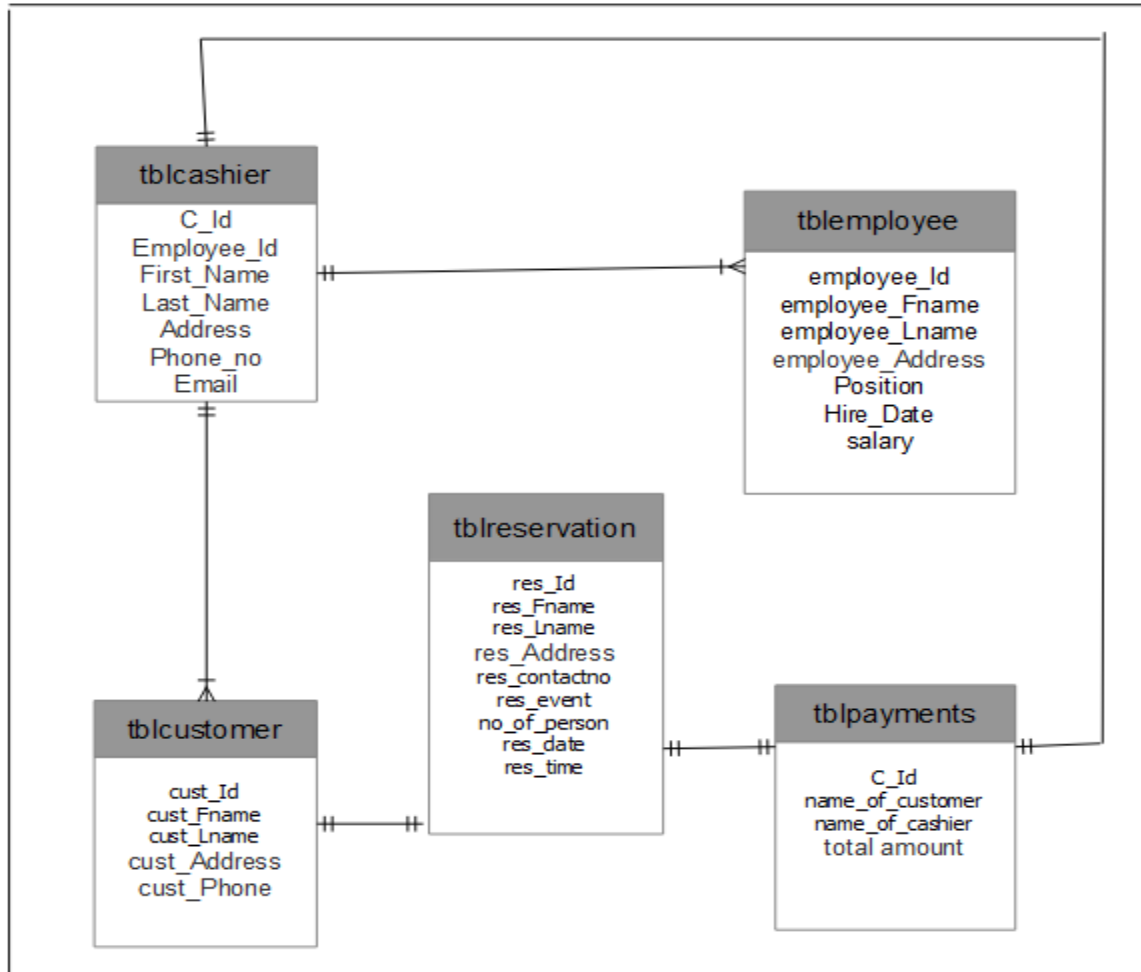

Figure 1. Melting Pot Reservation System

MELTING POT RESERVATION SYSTEM entity relationship are the entity of the MELTING POT RESERVATION SYSTEM, which are presented by tables, the tables are made to need the required specification of the system and provide a much more specific details of the entities within the system.

SELECT STATEMENTS USING DIFFERENT FUNCTIONS

1. Write a query to displays the First Name and the length of the first name for all employees whose name starts with the letter 'J'.

   A. SOLUTION:
      SELECT employee_fname "First Name", LENGTH (employee_fname) "Length" FROM tblemployee WHERE employee_fname like 'J%';
   B. RESULTS:

+ Options	
First Name	**"Length"**
JOYCE	5
JONEL	5
JANE	4
JOVANI	6

      4result(s) found

2. Write a query to display all customer name starts with letter "J".

   A. SOLUTION:
      SELECT `cust_Fname` 'First Name' FROM `tblcustomer` WHERE `cust_fname` LIKE 'J%';
   B. RESULTS:

+ Options
First name
JACKY
JED
JOEBERT
JANE
JESSA
JON

      6result(s) found

3. Write a query to get the average salary and number of employees in the employees table.

   A. SOLUTION:
      SELECT AVG(salary), COUNT(*) FROM `tblemployee`;
   B. RESULTS:

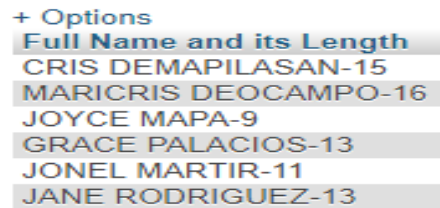 | + Options | |
      | --- | --- |
      | **AVG(salary)** | **COUNT(*)** |
      | 1655.0000 | 20 |

      1result(s) found

4. Write a query that display the Full Name and length of all the employees in one column. Label it as Full Name and its Length.

   A. SOLUTION:

      SELECT CONCAT(`employee_fname`,' ',`employee_lname`,'-
      ',Length(CONCAT(`employee_fname`,'',`employee_lname`))) AS "Full Name and
      its Length" FROM tblemployee;

   B. RESULTS:

      + Options
Full Name and its Length
CRIS DEMAPILASAN-15
MARICRIS DEOCAMPO-16
JOYCE MAPA-9
GRACE PALACIOS-13
JONEL MARTIR-11
JANE RODRIGUEZ-13
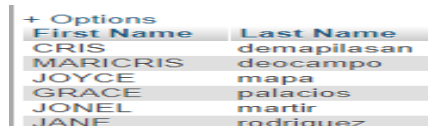
      20 result(s) found

5. Create a query that displays the first name in upper case and the last name of employees in lowercase. Give an appropriate label.

   A. SOLUTION:
      SELECT UCASE(`employee_fname`) "First Name", LCASE(`employee_lname`)
      "Last Name" FROM tblemployee;
   B. RESULTS:

      + Options
First Name	Last Name
CRIS	demapilasan
MARICRIS	deocampo
JOYCE	mapa
GRACE	palacios
JONEL	martir
JANE	rodriguez

      20result(s) found

6. Write a query that display the sum of all the salaries of all employees.

   A. SOLUTION:
      SELECT SUM(`salary`) "Salaries" FROM `tblemployee` WHERE
      Employee_Id=Employee_Id;
   B. RESULTS:

      + Options
Salaries
33100

      1result(s) found

6

7. Write a query to display the employees first name label the column First Name and format the salary to be 5 characters long, left-padded with the $ symbol. Label the column Salary.
   A. SOLUTION:
      SELECT `employee_fname` "First Name", lpad(`salary`,5'$') AS "Salary" FROM `tblemployee` WHERE Employee_Id=Employee_Id;
   B. RESULTS:

   + Options

First Name	Salary
CRIS	$2500
MARICRIS	$1200
JOYCE	$2500
GRACE	$2500
JONEL	$2500
JANE	$1200

   20result(s) found

8. Write a query that appends the value in the First Name column with '' and then appends the value from the Last Name column. Then label the column as "Full Name".
   A. SOLUTION:
      SELECT CONCAT(`employee_fname`," ",`employee_lname`) AS "Full Name" FROM `tblemployee`;
   B. RESULTS:

   + Options

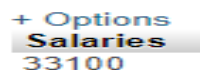 | Full Name |
   |-----------|
   | CRISDEMAPILASAN |
   | MARICRISDEOCAMPO |
   | JOYCEMAPA |
   | GRACEPALACIOS |
   | JONELMARTIR |
   | JANERODRIGUEZ |

   20result(s) found

9. Write a query that displays the Last Name of Karen in lowercase. Label the column as Lowercase Last Name.

   A. SOLUTION:
      SELECT lcase(`employee_lname`)" Lowercase Last Name" FROM `tblemployee` WHERE `employee_fname`='Karen';
   B. RESULTS:

   + Options

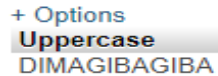 | Lowercase Last Name |
   |---------------------|
   | dimagibagiba |

   1result(s) found

10. Modify number 9, display the last name in uppercase. Label the column Uppercase.
   A. SOLUTION:
      SELECT UCASE(`employee_lname`)" Uppercase" FROM `tblemployee`
      WHERE `employee_fname`='Karen';
   B. RESULTS:

   + Options
   Uppercase
   DIMAGIBAGIBA
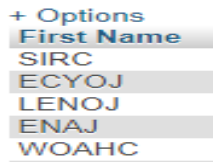
      1result(s) found

11. Create a query that displays the employees first name who starts with letter C,J ; in
   Reverse.
   A. SOLUTION:
      SELECT reverse(Employee_fname) "First Name" FROM `tblemployee` WHERE
      Employee_Fname LIKE 'C%' OR Employee_Fname LIKE 'J%';
   B. RESULTS:

   + Options
   First Name
   SIRC
   ECYOJ
   LENOJ
   ENAJ
   WOAHC
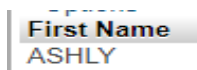
      8result(s) found

12. Write a query to display all customer name starts with letter "A".
   A. SOLUTION:
      SELECT `cust_name` "First Name" FROM `tblcustomer` WHERE `cust_fname`
      LIKE 'A%';
   B. RESULTS:

   First Name
   ASHLY

      1result(s) found

13. Write a query to display the current date. Label this column Date.
   A. SOLUTION:
      SELECT `hire_date` "Date" FROM `tblemployee`;
   B. RESULTS:

   + Options
   Date
   2019-03-01
   2018-02-01
   2018-05-03
   2018-05-14

      20result(s) found

14. Create a query to display the employee number, last name, salary and salary increased by 15.5% (expressed as the whole number) for each employee. Label the column "New Salary".
    A. SOLUTION:
       SELECT `employee_id`,`employee_lname`,`salary` ROUND(salary*1.155,0) "New Salary" FROM `tblemployee`;
    B. RESULTS:

employee_id	employee_lname	Salary	New Salary
3	DEMAPILASAN	2500	2888
5	DEOCAMPO	1200	1386
9	MAPA	2500	2888
10	PALACIOS	2500	2888
11	MARTIR	2500	2888

    20result(s) found

15. Write a query in SQL to display position and average salary of employees.
    A. SOLUTION:
       SELECT `Position`, AVG(salary) FROM `employees`;
                                      B.   RESULTS:

Position	AVG(salary)
KITCHEN CREW	1655.0000

    1result(s) found

16. Write a query to get the maximum salary of an employee working as an Kitchen Crew.

    A. SOLUTION:
       SELECT MAX(salary) FROM `tblemployee` WHERE employee_id= 10;
    B. RESULTS:

MAX(salary)
2500

    1result(s) found

9

17. Write a query to get monthly salary (round 2 decimal places) of all employees.

    A. SOLUTION:
    SELECT employee_fname,employee_lname, round(salary/12,2) AS 'Monthly Salary' FROM tblemployee;
    B. RESULTS:

Employee_Fname	Employee_Lname	Monthly Salary
CRIS	DEMAPILASAN	208.33
MARICRIS	DEOCAMPO	100.00
JOYCE	MAPA	208.33
GRACE	PALACIOS	208.33
JONEL	MARTIR	208.33

20result(s)found

18. Write a query to display the last name, Phone number for all customer.

    A. SOLUTION:
    SELECT cust_lname,cust_Phone FROM tblcustomer WHERE cust_Id=cust_Id;
    B. RESULTS:

cust_Lname	cust_Phone
CHAN	09104650154
PASTOR	09309069105
LABRADOR	09182236401
BALINAS	09107718036
VIDAL	09166107200

20result(s) found

19. Write a query that displays the difference between the highest and lowest salaries. Label the column DIFFERENCE.

    A. SOLUTION:
    SELECT MAX(salary) -MIN(salary) DIFFERENCE FROM tblemployee;
    B. RESULTS:

DIFFERENCE
1300

1result(s) found

20. Write a query to list the employees whose salary is greater than 2000.

    A. SOLUTION:
       SELECT `employee_fname`, `salary` FROM tblemployee WHERE salary > 2000;
    B. RESULTS:

+ Options

Employee_Fname	salary
CRIS	2500
JOYCE	2500
GRACE	2500
JONEL	2500
ROBINSON	2500

7result(s) found

SELECT STATEMENT USING SUB QUERY

1. Display the Fist Name, Last Name, Address,Phone_no and Email of Ana Fe.

   A. SOLUTION:
   SELECT `First Name`, `Last Name`, `Address`, `Phone_no`, `Email` FROM tblcashier WHERE `C_Id` = (SELECT `C_Id` WHERE `First Name` = 'Ana');
   B. RESULTS:

First_name	last_name	Address	Phone_no	Email
ANA	FE	Brgy.San Teodoro Binalbagan	09108961054	ANA54@GMAIL.COM

   1result(s) found

2. Write a query that display the last name, department number and position of all employees whose position is Cashier.
   A. SOLUTION:
   SELECT Employee_lname "Last Name", Employee_Id, Position FROM tblemployee WHERE Employee_Id IN (SELECT Employee_Id FROM tblemployee WHERE `Position` = 'Cahier';
   B. RESULTS:

Last Name	Employee_Id	Position
DEOCAMPO	5	CASHIER
RODRIGUEZ	12	CASHIER
FROST	21	CASHIER
FE	104	CASHIER

   4result(s) found

3. Create a query to display Employee_Id = 3.
   A. SOLUTION:
   SELECT * FROM tblemployee WHERE `Employee_Id` IN (SELECT `Employee_Id` FROM tblemployee WHERE Employee_Id = 3);
   B. RESULTS:

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
3	CRIS	DEMAPILASAN	BRGY. ENCLARO	KITCHEN CREW	2019-03-01	2500

   1result(s) found
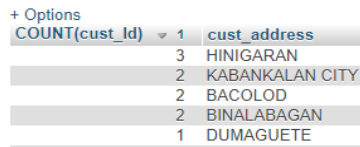
SELECT STATEMENTS USING COUNT AND GROUP FUNCTIONS

1. Write a query that display the lists of number of customers according to their address, Sorted high to low.

   A. SOLUTION:
   SELECT COUNT(cust_Id), cust_address FROM tblcustomer GROUP BY cust_address ORDER BY COUNT(cust_Id) DESC;

   B. RESULTS:

   + Options

COUNT(cust_Id) ▼ 1	cust_address
3	HINIGARAN
2	KABANKALAN CITY
2	BACOLOD
2	BINALABAGAN
1	DUMAGUETE
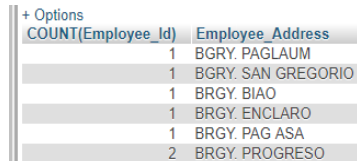
   10result(s) found

2. Write a query that display the list of number of employees according to their address.

   A. SOLUTION:
   SELECT COUNT(Employee_Id), Employee_address FROM tblemployee GROUP BY Employee_address;

   B. RESULTS:

   + Options

COUNT(Employee_Id)	Employee_Address
1	BGRY. PAGLAUM
1	BGRY. SAN GREGORIO
1	BRGY. BIAO
1	BRGY. ENCLARO
1	BRGY. PAG ASA
2	BRGY. PROGRESO

   16result(s) found

SELECT STATEMENTS USING DIFFERENT JOINS

1. Write a query to display customer name that has already a transaction, include the name of the cashier and the total payment;
   A. SOLUTION:
   SELECT concat(tblcustomer.`cust_Fname`," ",tblcustomer.cust_Lname) as "Customer   Name",tblpayments.name_of_cashier as "Cashier" ,tblpayments.total_amount as "Payment" FROM `tblcustomer` inner join tblpayments on tblpayments.cust_id=tblcustomer.cust_Id;
   B. RESULT:

Customer Name	Cashier	Payment
JACKY CHAN	Elsa Frost	2500
MARIVIC PRONDA	Maricris DEocampo	900
BRYLE GRANADA	Ana Fe	800
JOHN PADILLA	Jane Rodriguez	1000
BETTY DELA CRUZ	Elsa Frost	550

   12result(s) Found

2. For the reservation table display customer complete name, event and the date that been reserved.
   A. SOLUTION:
   SELECT CONCAT(tblcustomer.cust_Fname," ",tblcustomer.cust_Lname) AS "Customer Name", `res_event` as "Event", `res_date` as "Date" FROM `tblreservation` left join tblcustomer on tblcustomer.cust_Id=tblreservation.cust_Id;
   B. RESULT:

Customer Name	Event	Date
JACKY CHAN	Meeting	05-10-19

   1Result(s) Found

3. Modify question Number 3. Include those customers that does not have a reservation.
   A. SOLUTION:
   SELECT CONCAT(tblcustomer.cust_Fname," ",tblcustomer.cust_Lname) AS "Customer Name", `res_event` as "Event", `res_date` as "Date" FROM `tblreservation` RIGHT join tblcustomer on tblcustomer.cust_Id=tblreservation.cust_Id';
   B. RESULT:

Customer Name	Event	Date
JACKY CHAN	Meeting	05-10-19
MARIVIC PRONDA	NULL	NULL
BRYLE GRANADA	NULL	NULL
JOHN PADILLA	NULL	NULL
BETTY DELA CRUZ	NULL	NULL

   20result(s) Found   14

4. Create a query to display all Cashier Complete Name and other Details.

    A. SOLUTION:
    SELECT concat(tblcashier.First_Name," ",tblcashier.Last_Name) as "Full Name",tblemployee.Employee_Address as "Address", tblemployee.Position as "Position",tblemployee.Hire_Date as "Date Hired", tblemployee.salary as "Salary" from tblcashier left outer join tblemployee on tblemployee.Employee_Id=tblcashier.Employee_Id;

    B. RESULT:

Full Name	Address	Position	Date Hired	Salary
MARICRIS DEOCAMPO	NULL	NULL	NULL	NULL
JANE RODRIGUEZ	BRGY.PAYAO	CASHIER	2018-08-25	1200
ELSA FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200
ANA FE	BRGY. SAN TEODORO	CASHIER	2018-04-13	1200

4Result(s) Found

5. Write a query to display all customer name that under to cashier Ana Fe.

    A. SOLUTION:
    SELECT concat(tblcustomer.cust_Fname," ",tblcustomer.cust_Lname) as "Customer Name",tblpayments.name_of_cashier as "Cashier Name" FROM `tblcustomer` right join tblpayments on tblpayments.cust_id=tblcustomer.cust_Id where tblpayments.name_of_cashier='ANA FE';

    B. RESULT:

Customer Name	Cashier Name
BRYLE GRANADA	Ana Fe
RICKY PETERSON	Ana Fe
HUMPER LABRADOR	Ana Fe

3 Result(s) Found.

INSERT STATEMENTS

1. Add new Payments.

C_id	name_of_customer	name_of_cashier	total_amount
1	jacky Chan	Elsa Frost	2500
2	Marivic Pronda	Maricris DEocampo	900
3	Bryle Granada	Ana Fe	800
4	Jon Padilla	Jane Rodriguez	1000
5	Betty Delacruz	Elsa Frost	550
6	Jed Balinas	Jane Rodriguez	650
7	Ricky Peterson	Ana Fe	1500
8	Raffy Vargas	Maricris Deocampo	1200
9	Humper Labrador	Ana Fe	1100
10	Mary Jane Cuenca	Elsa Frost	500
11	Nestor Pastor	Maricris Deocampo	1700
12	jessa Notario	Jane Rodriguez	2000
15	Angelica Blauro	Pedro Dela Cruz	3500

A. SOLUTION:

INSERT INTO tblpayments
(C_Id,Name_of_customer,Name_of_cashier,total_amount) VALUES (16,'Jessie Paul Cari-an','Pedro Dela Cruz','3400');

B. RESULTS:

7	Ricky Peterson	Ana Fe	1500
8	Raffy Vargas	Maricris Deocampo	1200
9	Humper Labrador	Ana Fe	1100
10	Mary Jane Cuenca	Elsa Frost	500
11	Nestor Pastor	Maricris Deocampo	1700
12	jessa Notario	Jane Rodriguez	2000
15	Angelica Blauro	Pedro Dela Cruz	3500
16	Jessie Paul Cari-an	Pedro Dela Cruz	3400

1   row inserted

16

2. Add new Employee.

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
55	JOVANI	CAMPANER	BRGY.PAYAO	WAITER	2018-12-25	1200
69	VEE	FRESH	BRGY. BIAO	WAITER	2018-11-26	1200
70	TEENA	BUBON	BRGY.BIAO	SERVICE CREW	2018-07-25	1200
98	STEFEN	TAN	BRGY.CANMOROS	CHIEF COOK	2018-08-15	2500
104	ANA	FE	BRGY. SAN TEODORO	CASHIER	2018-04-13	1200
105	CRIS	DIMAGANDA	BRGY.PAGLAUM	WAITER	2018-12-12	1200
289	Joshua	Junsan	Binalbagan	Cashier	2019-02-15	3500

A. SOLUTION:

INSERT INTO tblemployee
(Employee_Id,Emloyee_Fname,Employee_Lname,Employee_Address,Position,Hire_Date,Salary) VALUES (103,'Jessie Paul','Cari-an','Kabankalan City','Service Crew','2019-01-15',3500);

B. RESULTS :

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
55	JOVANI	CAMPANER	BRGY.PAYAO	WAITER	2018-12-25	1200
69	VEE	FRESH	BRGY. BIAO	WAITER	2018-11-26	1200
70	TEENA	BUBON	BRGY.BIAO	SERVICE CREW	2018-07-25	1200
98	STEFEN	TAN	BRGY.CANMOROS	CHIEF COOK	2018-08-15	2500
103	Jessie Paul	Cari-an	Kabankalan City	Service Crew	2019-01-15	3500
104	ANA	FE	BRGY. SAN TEODORO	CASHIER	2018-04-13	1200
105	CRIS	DIMAGANDA	BRGY.PAGLAUM	WAITER	2018-12-12	1200
289	Joshua	Junsan	Binalbagan	Cashier	2019-02-15	3500

1row inserted.

3. Add new Cashier.

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Brgy.San Teodoro Binalbagan	09108961054	ANA54@GMAIL.COM

A. SOLUTION:

INSERT INTO
tblcashier(C_id,First_Name,Last_Name,Address,Phone_no,Email) VALUES
(105,'Renalyn','Wasquin','Binalbagan','009098764532','Renalyn@gmail.com');

B. RESULTS:

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Brgy.San Teodoro Binalbagan	09108961054	ANA54@GMAIL.COM
105	Renalyn	Wasquin	Binalbagan	009098764532	Renalyn@gmail.com

1row inserted

4. Add new Customer.

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
19	NANCY	CABALATUNGAN	HINIGARAN	09467085106
22	SUNNY	LUMOGDANG	BAGO	09165104268
26	ASHLY	LUCERNA	CARABALAN	09125104826
29	KRIZELLE	SANCHEZ	BINALABAGAN	09216541103
31	NOMBRE	VILLA	PULUPANDAN	09989672686
130	Angelic	Delagon	Himamaylan City	09099509040

A. SOLUTION:
INSERT into tblcustomer
(cust_id,cust_Fname,cust_Lname,cust_Address,cust_phone) VALUES
(129,'Analea','Junsan','Himamaylan','09098152074');

B. RESULTS:

26	ASHLY	LUCERNA	CARABALAN	09125104826
29	KRIZELLE	SANCHEZ	BINALABAGAN	09216541103
31	NOMBRE	VILLA	PULUPANDAN	09989672686
129	Analea	Junsan	Himamaylan	09098152074
130	Angelic	Delagon	Himamaylan City	09099509040

1row inserted.   18

5. Add new Reservation.

res_Id	Full_name	Address	res_event	Contact_No	no_of_person	res_date	res_time
88	Jon Padilla		Christmas Party		40	05-10-19	6:00-9:00
90	tedted enoria	isabela	Christmas Party	09071131291	20	03/9/19	8:00 AM - 2:00 PM
91	Joshua P. Junsan	Mt.Carmel Subd. Brgy. Progreso	Wedding	0995443117	5	04-02-2019	11:00-01:00
92	sheena bernardino	saraet	Christening	09098763425	5	06-25-19	11:00-12:00
94	NOMBRE	PULUPANDAN	Birthday Party	09989672686	5	mm-dd-yy	tt:mm-tt:mm

A. SOLUTION:

INSERT INTO tblreservation
(res_Id,Full_name,Address,res_event,Contact_no,no_of_person,res_date,res_time) VALUES (89,'Jp Blauro','Canmoros','Social Gathering','09502908926',10,'06-28-19','10:00-12:00pm');

B. RESULTS:

res_Id	Full_name	Address	res_event	Contact_No	no_of_person	res_date	res_time
	Bryls Granada		Wedding Party			01-28-19	01:00-01:00
88	Jon Padilla		Christmas Party		40	05-10-19	6:00-9:00
89	Jp Blauro	Canmoros	Social Gathering	09502908926	10	06-28-19	10:00-12:00pm
90	tedted enoria	isabela	Christmas Party	09071131291	20	03/9/19	8:00 AM - 2:00 PM
91	Joshua P. Junsan	Mt.Carmel Subd. Brgy. Progreso	Wedding	0995443117	5	04-02-2019	11:00-01:00
92	sheena bernardino	saraet	Christening	09098763425	5	06-25-19	11:00-12:00

1row inserted.

19

UPDATE STATEMENTS

1. Write a query to change the address of Ana Fe into Kabankalan City.

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Brgy.San Teodoro Binalbagan	09108961054	ANA54@GMAIL.COM
105	Renalyn	Wasquin	Binalbagan	009098764532	Renalyn@gmail.com

A. SOLUTION:

UPDATE tblcashier SET Address = 'Kabankalan City' WHERE C_Id=104;

B. RESULTS:

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Kabankalan City	09108961054	ANA54@GMAIL.COM
105	Renalyn	Wasquin	Binalbagan	009098764532	Renalyn@gmail.com

1row affected.

2. Write a query to change the event of Betty DelaCruz into Social Gathering.

res_Id	Full_name	Address	res_event	Contact_No	no_of_person	res_date	res_time
46	Betty Delacruz	Binalbagan	Birthday Party	09124569658	40	12-05-19	06:00-09:00
71	Bryle Granada	Himamaylan City	Weeding Party	09072361548	50	04-20-19	01:00-04:00
88	Jon Padilla	Binalbagan	Christmas Party	09063251478	40	05-10-19	6:00-9:00
89	Jp Blauro	Canmoros	Social Gathering	09502908926	10	06-28-19	10:00-12:00pm
90	tedted enoria	isabela	Christmas Party	09071131291	20	03/9/19	8:00 AM - 2:00 PM

A. SOLUTION:

UPDATE tblreservation SET res_event = 'Social Gathering' WHERE res_id=46;

B. RESULTS:

res_Id	Full_name	Address	res_event	Contact_No	no_of_person	res_date	res_time
46	Betty Delacruz	Binalbagan	Social Gathering	09124569658	40	12-05-19	06:00-09:00
71	Bryle Granada	Himamaylan City	Weeding Party	09072361548	50	04-20-19	01:00-04:00
88	Jon Padilla	Binalbagan	Christmas Party	09063251478	40	05-10-19	6:00-9:00
89	Jp Blauro	Canmoros	Social Gathering	09502908926	10	06-28-19	10:00-12:00pm
90	tedted enoria	isabela	Christmas Party	09071131291	20	03/9/19	8:00 AM - 2:00 PM

1row affected

3. Write a query to change the Position of Karen into Cashier.

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
13	ROBINSON	CIUDAD	BRGY.TAP-UK	KITCHEN CREW	2018-09-18	2500
15	FERLYN	BELINDA	BRGY. PROGRESO	CHIEF COOK	2018-10-10	2500
18	KAREN	DIMAGIBAGIBA	BGRY. SAN GREGORIO	SERVICE CREW	2018-11-30	1200
20	CHAOW	MONAYON	BRGY.BIAO	SERVICE CREW	2018-08-25	1200
21	ELSA	FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200
24	CARLOS	HILADO	BRGY.ENCLARO	SERVICE CREW	2019-03-01	1200

A. SOLUTION:
UPDATE tblemployee SET Position = 'CASHIER' WHERE Employee_Id=18;

B. RESULTS:

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
13	ROBINSON	CIUDAD	BRGY.TAP-UK	KITCHEN CREW	2018-09-18	2500
15	FERLYN	BELINDA	BRGY. PROGRESO	CHIEF COOK	2018-10-10	2500
18	KAREN	DIMAGIBAGIBA	BGRY. SAN GREGORIO	CASHIER	2018-11-30	1200
20	CHAOW	MONAYON	BRGY.BIAO	SERVICE CREW	2018-08-25	1200
21	ELSA	FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200
24	CARLOS	HILADO	BRGY.ENCLARO	SERVICE CREW	2019-03-01	1200

1row affected.

4. Write a query to change the name of Angelic into Mary Angelic.

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
22	SUNNY	LUMOGDANG	BAGO	09165104268
26	ASHLY	LUCERNA	CARABALAN	09125104826
29	KRIZELLE	SANCHEZ	BINALABAGAN	09216541103
31	NOMBRE	VILLA	PULUPANDAN	09989672686
130	Angelic	Delagon	Himamaylan City	09099509040

A. SOLUTION:
UPDATE tblcustomer set cust_Fname = 'Mary Angelic' WHERE cust_Id=130;

B. RESULTS:

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
22	SUNNY	LUMOGDANG	BAGO	09165104268
26	ASHLY	LUCERNA	CARABALAN	09125104826
29	KRIZELLE	SANCHEZ	BINALABAGAN	09216541103
31	NOMBRE	VILLA	PULUPANDAN	09989672686
130	Mary Angelic	Delagon	Himamaylan City	09099509040

1row affected.

5. Write a query to update the customer name JON into JOHN.

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
1	JACKY	CHAN	HINIGARAN	09104650154
2	MARIVIC	PRONDA	BACOLOD	09213790984
3	BRYLE	GRANADA	HIMAMAYLAN	09283321016
4	JON	PADILLA	BINALBAGAN	09124286107
5	BETTY	DELA CRUZ	BINALABAGAN	09462576510

A. SOLUTION:
   UPDATE tblcustomer set cust_Fname = 'JOHN' WHERE cust_Id=04;
B. RESULTS:

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
1	JACKY	CHAN	HINIGARAN	09104650154
2	MARIVIC	PRONDA	BACOLOD	09213790984
3	BRYLE	GRANADA	HIMAMAYLAN	09283321016
4	JOHN	PADILLA	BINALBAGAN	09124286107
5	BETTY	DELA CRUZ	BINALABAGAN	09462576510

1row affected.

DELETE STATEMENTS

1. Write a query to remove the name of Charmaine Vidal to customer table.

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
10	MARY JANE	CUENCA	ISABELA	09129672438
11	NESTOR	PASTOR	BAGO CITY	09309069105
12	JESSA	NOTARIO	KABANKALAN	09212540430
14	CHARMAINE	Vidal	LACASTELLANA	LACASTELLANA
16	JOEBERT	LAMBANOG	HINIGARAN	09196432104
17	JANE	MAYANG	LACARLOTA	092043170765

   A. SOLUTION:
   DELETE tblcustomer WHERE cust_Id =14;
   B. RESULTS:

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
10	MARY JANE	CUENCA	ISABELA	09129672438
11	NESTOR	PASTOR	BAGO CITY	09309069105
12	JESSA	NOTARIO	KABANKALAN	09212540430
16	JOEBERT	LAMBANOG	HINIGARAN	09196432104
17	JANE	MAYANG	LACARLOTA	092043170765

   1row Deleted.

2. Create a query to remove the name of Chaow Monayon to Employee.

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
13	ROBINSON	CIUDAD	BRGY.TAP-UK	KITCHEN CREW	2018-09-18	2500
15	FERLYN	BELINDA	BRGY. PROGRESO	CHIEF COOK	2018-10-10	2500
18	KAREN	DIMAGIBAGIBA	BGRY. SAN GREGORIO	CASHIER	2018-11-30	1200
20	CHAOW	MONAYON	BRGY.BIAO	SERVICE CREW	2018-08-25	1200
21	ELSA	FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200

   A. SOLUTION:
   DELETE FROM `tblemployee` WHERE `tblemployee`.`Employee_Id` = 20;
   B. RESULTS:

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
13	ROBINSON	CIUDAD	BRGY.TAP-UK	KITCHEN CREW	2018-09-18	2500
15	FERLYN	BELINDA	BRGY. PROGRESO	CHIEF COOK	2018-10-10	2500
18	KAREN	DIMAGIBAGIBA	BGRY. SAN GREGORIO	CASHIER	2018-11-30	1200
21	ELSA	FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200
24	CARLOS	HILADO	BRGY.ENCLARO	SERVICE CREW	2019-03-01	1200

   1row Deleted.

3. Write a query to remove the name of Maricris Deocampo.

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
3	CRIS	DEMAPILASAN	BRGY. ENCLARO	KITCHEN CREW	2019-03-01	2500
5	MARICRIS	DEOCAMPO	BGRY. PAGLAUM	CASHIER	2018-02-01	1200
9	JOYCE	MAPA	BRGY.TAP-UK	KITCHEN CREW	2018-05-03	2500
10	GRACE	PALACIOS	BRGY. PAG ASA	KITCHEN CRREW	2018-05-14	2500
11	JONEL	MARTIR	BRGY. SAN VICENTE	KITCHEN CREW	2017-05-26	2500

A. SOLUTION:
DELETE FROM `tblemployee` WHERE Employee_id=5;
B. RESULTS:

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
3	CRIS	DEMAPILASAN	BRGY. ENCLARO	KITCHEN CREW	2019-03-01	2500
9	JOYCE	MAPA	BRGY.TAP-UK	KITCHEN CREW	2018-05-03	2500
10	GRACE	PALACIOS	BRGY. PAG ASA	KITCHEN CRREW	2018-05-14	2500
11	JONEL	MARTIR	BRGY. SAN VICENTE	KITCHEN CREW	2017-05-26	2500

1row Deleted.

4. Write a query to remove Renalyn Wasquin in the Cashier table.

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Kabankalan City	09108961054	ANA54@GMAIL.COM
105	Renalyn	Wasquin	Binalbagan	009098764532	Renalyn@gmail.com

A. SOLUTION:
DELETE FROM `tblcashier` WHERE C_Id=105;
B. RESULTS:

C_Id	First_Name	Last_Name	Address	Phone_no	Email
5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	ANA	FE	Kabankalan City	09108961054	ANA54@GMAIL.COM

1row Deleted.

5. Write a query to remove Jessie Paul Cari-an in Payments.

C_id	name_of_customer	name_of_cashier	total_amount
5	Betty Delacruz	Lisa Frost	550
6	Jed Balinas	Jane Rodriguez	650
7	Ricky Peterson	Ana Fe	1500
8	Raffy Vargas	Maricris Deocampo	1200
9	Humper Labrador	Ana Fe	1100
10	Mary Jane Cuenca	Elsa Frost	500
11	Nestor Pastor	Maricris Deocampo	1700
12	jessa Notario	Jane Rodriguez	2000
15	Angelica Blauro	Pedro Dela Cruz	3500
16	Jessie Paul Cari-an	Pedro Dela Cruz	3400

A. SOLUTION:
   DELETE FROM `tblpayments WHERE C_Id=16;
B. RESULTS:

C_id	name_of_customer	name_of_cashier	total_amount
4	Jun Padilla	Jane Rodriguez	1000
5	Betty Delacruz	Elsa Frost	550
6	Jed Balinas	Jane Rodriguez	650
7	Ricky Peterson	Ana Fe	1500
8	Raffy Vargas	Maricris Deocampo	1200
9	Humper Labrador	Ana Fe	1100
10	Mary Jane Cuenca	Elsa Frost	500
11	Nestor Pastor	Maricris Deocampo	1700
12	jessa Notario	Jane Rodriguez	2000
15	Angelica Blauro	Pedro Dela Cruz	3500

1row Deleted.

SAMPLE RECORDS

1. Write a query to show all the records of cashier.
   A. SOLUTION:
   SELECT * FROM tblcashier;
   B. RESULTS:

C_Id	Employee_Id	First_Name	Last_Name	Address	Phone_no	Email
5	5	MARICRIS	DEOCAMPO	Brgy. Paglaum Binalbagan	09182654032	MARICRIS69@GMAIL.COM
12	12	JANE	RODRIGUEZ	Brgy.Payao Binalbagan	09196671094	JANE04@GMAIL.COM
21	21	ELSA	FROST	Brgy.Sto.Rosario Binalbagan	09468821074	ELSA74@GMAIL.COM
104	104	ANA	FE	Kabankalan City	09108961054	ANA54@GMAIL.COM

   4result(s) found

2. Write a query to show all the records of customer.
   A. SOLUTION:
   SELECT * FROM tblcustomer;
   B. RESULTS:

cust_Id	cust_Fname	cust_Lname	cust_Address	cust_phone
1	JACKY	CHAN	HINIGARAN	09104650154
2	MARIVIC	PRONDA	BACOLOD	09213790984
3	BRYLE	GRANADA	HIMAMAYLAN	09283321016
4	JOHN	PADILLA	BINALBAGAN	09124286107
5	BETTY	DELA CRUZ	BINALABAGAN	09462576510
6	JED	BALINAS	KABANKALAN CITY	09107718036
7	RICKY	PETERSON	BACOLOD	09209756125
8	RAFFY	VARGAS	DUMAGUETE	09500249881
9	HUMPER	LABRADOR	KABANKALAN CITY	09182236401
10	MARY JANE	CUENCA	ISABELA	09129672438
11	NESTOR	PASTOR	BAGO CITY	09309069105
12	JESSA	NOTARIO	KABANKALAN	09212540430
16	JOEBERT	LAMBANOG	HINIGARAN	09196432104
17	JANE	MAYANG	LACARLOTA	092043170765
19	NANCY	CABALATUNGAN	HINIGARAN	09467085106
22	SUNNY	LUMOGDANG	BAGO	09165104268
26	ASHLY	LUCERNA	CARABALAN	09125104826
29	KRIZELLE	SANCHEZ	BINALABAGAN	09216541103
31	NOMBRE	VILLA	PULUPANDAN	09989672686

   19result(s) found

3. Write a query to show all the records of employee.
   A. SOLUTION:
      SELECT * FROM tblemployee;
   B. RESULTS:

Employee_Id	Employee_Fname	Employee_Lname	Employee_Address	Position	Hire_Date	salary
3	CRIS	DEMAPILASAN	BRGY. ENCLARO	KITCHEN CREW	2019-03-01	2500
9	JOYCE	MAPA	BRGY.TAP-UK	KITCHEN CREW	2018-05-03	2500
10	GRACE	PALACIOS	BRGY. PAG ASA	KITCHEN CRREW	2018-05-14	2500
11	JONEL	MARTIR	BRGY. SAN VICENTE	KITCHEN CREW	2017-05-26	2500
12	JANE	RODRIGUEZ	BRGY.PAYAO	CASHIER	2018-08-25	1200
13	ROBINSON	CIUDAD	BRGY.TAP-UK	KITCHEN CREW	2018-09-18	2500
15	FERLYN	BELINDA	BRGY. PROGRESO	CHIEF COOK	2018-10-10	2500
18	KAREN	DIMAGIBAGIBA	BGRY. SAN GREGORIO	CASHIER	2018-11-30	1200
21	ELSA	FROST	BRGY. STO.ROSARIO	CASHIER	2018-05-29	1200
24	CARLOS	HILADO	BRGY.ENCLARO	SERVICE CREW	2019-03-01	1200
34	KARNE	NORTE	BRGY. PROGRESO	SERVICE CREW	2019-01-15	1200
35	NIKO	BAWA	BRGY. SAN JOSE	SERVICE CREW	2018-11-25	1200
55	JOVANI	CAMPANER	BRGY.PAYAO	WAITER	2018-12-25	1200
69	VEE	FRESH	BRGY. BIAO	WAITER	2018-11-26	1200

19result(s) found

4. Write a query to show all the records of payments.
   A. SOLUTION:
   SELECT * FROM tblpayments;

payment_no	cust_id	name_of_customer	name_of_cashier	total_amount
16	1	jacky Chan	Elsa Frost	2500
17	2	Marivic Pronda	Maricris DEocampo	900
18	3	Bryle Granada	Ana Fe	800
19	4	Jon Padilla	Jane Rodriguez	1000
20	5	Betty Delacruz	Elsa Frost	550
21	6	Jed Balinas	Jane Rodriguez	650
22	7	Ricky Peterson	Ana Fe	1500
23	8	Raffy Vargas	Maricris Deocampo	1200
24	9	Humper Labrador	Ana Fe	1100
25	10	Mary Jane Cuenca	Elsa Frost	500
26	11	Nestor Pastor	Maricris Deocampo	1700
27	12	jessa Notario	Jane Rodriguez	2000
28	15	Angelica Blauro	Pedro Dela Cruz	3500

13result(s) found

5. Write a query to show all the records of reservation.
   A. SOLUTION:
      SELECT * FROM tblreservation;
   B. RESULT:

res_Id	cust_Id	Full_name	Address	res_event	Contact_No	no_of_person	res_date	res_time
1	1	Jacky chan	Hinigaran	Meeting	09261564845	6	05-10-19	11:00-01:00
2	11	Nestor Pastor		Birthday Party		20	10-05-19	3:00-4:00
4	9	Humper Labrador		Debut Party		50	11-09-19	6:00-9:00
7	6	Jed Balinas		Social Gathering		10	07-02-19	8:00-12:00
23	7	Ricky Peterson		Birthday Party		25	08-12-19	3:00-4:00
25	0	Jessa Notario		Birthday Party		25	09-18-19	6:00-8:00
26	8	Raffy Vargas		Birthday Party		20	10-08-19	3:00-4:00
28	10	Mary JAne Cuenca		Social Gathering		4	12-10-19	1:00-2:00
30	2	Marivic Pronda		birthday		30	04-15-19	11:00-12:00
46	5	Betty Delacruz		Christmas Party		10	02-05-19	6:00-9:00
71	3	Bryle Granada		Wedding Party		50	04-20-19	1:00-2:00
88	4	Jon Padilla		Debut Party		80	05-10-19	6:00-9:00

12result(s) found