

Assignment 1

1. create a table named tblParents in Student schema, the Create table definition will be as following(minimum 20 entry is required)
 - parent id
 - parents name
 - city
 - age
 - annual income
 - occupation
 - Email-id
2. update email id of each parents as “NA”.
3. count number of parents whose annual income is more than 6 lakhs.
4. Select parents who are living in city Ahmedabad, Delhi, Mumbai, Chennai, Bangalore.
5. Write a SQL statement to select parent whose annual income is less than 5 lakhs other
5. Write a SQL statement to select parent whose annual income is less than 5 lakhs otherwise age is more than 45.
6. Create student table with studentid, student name, Maths, science marks, parent id here parent id is foreign key and make connected with parents table using primary key & foreign key

Query:-

- 1.

```
MySQL 8.0 Command Line Client
Your MySQL connection id is 50
Server version: 8.0.32 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database Student;
Query OK, 1 row affected (0.05 sec)

mysql> use Student
Database changed
mysql> create table tb1Parent (Parent_id int primary key,Parent_Name varchar(20),City varchar(20),Age int,Annual_Income
int,Occupation varchar(20),Email_id varchar(25));
Query OK, 0 rows affected (0.13 sec)
```

```
mysql> insert into tbiparent (Parent_id,Parent Name,City,Age,Annual_Income,Occupation,Email_id) values (2,'Atharv','Chennai',32,350000,'DB_Developer','AT25@gmail.com'),(3,'Lisa','Ahmedabad',47,600000,'DB_Conconsultant','lisa45@gmail.com'),(4,'Kartik','Tamil Naidu',44,400000,'Teacher','kartik65@gmail.com'),(5,'James','Banglore',50,450000,'HR','james@gmail.com'),(6,'Alex','Chennai',38,650000,'Tester','alex2@gmail.com'),(7,'Lora','Kerla',41,700000,'Developer','Lora@gmail.com'),(8,'Sara','Japan',42,250000,'DB_Developer','sara@gmail.com'),(9,'Robert','Dubai',36,300000,'HR','robert05@gmail.com'),(10,'Arthur','USA',44,500000,'Doctor','arthur@gmail.com');
Query OK, 9 rows affected (0.06 sec)
Records: 9 Duplicates: 0 Warnings: 0

mysql> insert into tbiparent (Parent_id,Parent Name,City,Age,Annual_Income,Occupation,Email_id) values (11,'Sham','UK',48,357000,'Developer','sham45@gmail.com'),(12,'Jay','Chennai',39,600000,'DB_Conconsultant','jayy5@gmail.com'),(13,'Anu','Tamil Naidu',44,400000,'Teacher','anu@u@gmail.com'),(14,'Jolly','Pune',40,450000,'HR','jol@gmail.com'),(15,'Aniket','Pune',38,650000,'Tester','Anii@gmail.com'),(16,'Rita','Kerla',42,700000,'Developer','ritu@gmail.com'),(17,'Piu','Japan',42,250000,'DB_Developer','Piuu@gmail.com'),(18,'Lex','Russia',33,300000,'HR','lexx05@gmail.com'),(19,'Rohan','Dubai',44,500000,'Doctor','Roni@gmail.com'),(20,'Jiya','Brazzil',32,350000,'Developer','jiya65@gmail.com');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(20,'Jiya','Brazzil',32,350000,'Developer','jiya65@gmail.com')' at line 1
mysql> insert into tbiparent (Parent_id,Parent Name,City,Age,Annual_Income,Occupation,Email_id) values (11,'Sham','UK',48,357000,'Developer','sham45@gmail.com'),(12,'Jay','Chennai',39,600000,'DB_Conconsultant','jayy5@gmail.com'),(13,'Anu','Tamil Naidu',44,400000,'Teacher','anu@u@gmail.com'),(14,'Jolly','Pune',40,450000,'HR','jol@gmail.com'),(15,'Aniket','Pune',38,650000,'Tester','Anii@gmail.com'),(16,'Rita','Kerla',42,700000,'Developer','ritu@gmail.com'),(17,'Piu','Japan',42,250000,'DB_Developer','Piuu@gmail.com'),(18,'Lex','Russia',33,300000,'HR','lexx05@gmail.com'),(19,'Rohan','Dubai',44,500000,'Doctor','Roni@gmail.com'),(20,'Jiya','Brazzil',32,350000,'Developer','jiya65@gmail.com');
Query OK, 10 rows affected (0.05 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
mysql> select * from tb1parent;
```

Parent_id	Parent_Name	City	Age	Annual_Income	Occupation	Email_id
1	Rohit	Mumbai	35	320000	Java_Developer	rohit441@gmail.com
2	Atharv	Chennai	32	350000	DB_Developer	AT25@gmail.com
3	Lisa	Ahemdabad	47	600000	DB_Consultant	lisa45@gmail.com
4	Kartik	Tamil Naidu	44	400000	Teacher	kartik65@gmail.com
5	James	Banglore	50	450000	HR	james5@gmail.com
6	Alex	Chennai	38	650000	Tester	alex2@gmail.com
7	Lora	Kerla	41	700000	Developer	Lora@gmail.com
8	Sara	Japan	42	250000	DB_Developer	sara@gmail.com
9	Robert	Dubai	36	300000	HR	robert05@gmail.com
10	Arthur	USA	44	500000	Doctor	arthur@gmail.com
11	Sham	UK	48	357000	Developer	sham45@gmail.com
12	Jay	Chaina	39	600000	DB_Consultant	jayy5@gmail.com
13	Anu	Tamil Naidu	44	400000	Teacher	anuu@gmail.com
14	Jolly	Pune	40	450000	HR	jol@gmail.com
15	Aniket	Pune	38	650000	Tester	Aniii@gmail.com
16	Rita	Kerla	42	700000	Developer	ritu@gmail.com
17	Piu	Japan	42	250000	DB_Developer	Piuu@gmail.com
18	Lex	Russia	33	300000	HR	lexx05@gmail.com
19	Rohan	Dubai	44	500000	Doctor	Roni@gmail.com
20	Jiya	Brazzil	32	350000	Developer	jiya65@gmail.com

```
20 rows in set (0.00 sec)
```

```
mysql>
```

3. update email id of each parents as "NA".

```
mysql> update tb1parent set Email_id="NA";
Query OK, 20 rows affected (0.34 sec)
Rows matched: 20  Changed: 20  Warnings: 0

mysql> select * from tb1parent;
```

Parent_id	Parent_Name	City	Age	Annual_Income	Occupation	Email_id
1	Rohit	Mumbai	35	320000	Java_Developer	NA
2	Atharv	Chennai	32	350000	DB_Developer	NA
3	Lisa	Ahmedabad	47	600000	DB_Consultant	NA
4	Kartik	Tamil Naidu	44	400000	Teacher	NA
5	James	Bangalore	50	450000	HR	NA
6	Alex	Chennai	38	650000	Tester	NA
7	Lora	Kerla	41	700000	Developer	NA
8	Sara	Japan	42	250000	DB_Developer	NA
9	Robert	Dubai	36	300000	HR	NA
10	Arthur	USA	44	500000	Doctor	NA
11	Sham	UK	48	357000	Developer	NA
12	Jay	Chaina	39	600000	DB_Consultant	NA
13	Anu	Tamil Naidu	44	400000	Teacher	NA
14	Jolly	Pune	40	450000	HR	NA
15	Aniket	Pune	38	650000	Tester	NA
16	Rita	Kerla	42	700000	Developer	NA
17	Piu	Japan	42	250000	DB_Developer	NA
18	Lex	Russia	33	300000	HR	NA
19	Rohan	Dubai	44	500000	Doctor	NA
20	Jiya	Brazzil	32	350000	Developer	NA

```
20 rows in set (0.00 sec)

mysql>
```

4. count number of parents whose annual income is more than 5 lakhs.

```
mysql> select count(Parent_id) from tb1parent where Annual_Income>500000;
```

count(Parent_id)
6

```
1 row in set (0.17 sec)

mysql>
```

5. Select parents who are living in city Ahmedabad, Delhi, Mumbai, Chennai, Bangalore.

```
mysql> select Parent_Name from tb1parent where City=""Mumbai','Ahemdabad','Delhi','Chennai','Bangalore';
Empty set (0.00 sec)

mysql>
```

6. Write a SQL statement to select parent whose annual income is less than 5 lakhs otherwise age is more than 45.

```
mysql> select Parent_Name from tb1parent where Annual_Income<500000 || Age>45;
+-----+
| Parent_Name |
+-----+
| Rohit       |
| Atharv      |
| Lisa        |
| Kartik      |
| James       |
| Sara        |
| Robert      |
| Sham        |
| Anu         |
| Jolly       |
| Piu         |
| Lex         |
| Jiya        |
+-----+
13 rows in set, 1 warning (0.00 sec)
```

6.

```
mysql> insert into tb2student (Student_ID,Student_Name,Math,Science,pid) values (101,'James',75,85,5),(102,'Nick',78,65,8);
Query OK, 2 rows affected (0.16 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql> select * from tb2student;
+-----+-----+-----+-----+-----+
| Student_ID | Student_Name | Math | Science | pid |
+-----+-----+-----+-----+-----+
| 101       | James       | 75   | 85      | 5   |
| 102       | Nick        | 78   | 65      | 8   |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

