

1) Assignment 1

1.

```
mysql> create database students;
Query OK, 1 row affected (0.01 sec)

mysql> use students;
Database changed
mysql> CREATE TABLE Parents (parent_id INT PRIMARY KEY, parents_name VARCHAR(100),city VARCHAR(100),age INT,annual_income INT, occupation VARCHAR(100), email_id VARCHAR(100));
Query OK, 0 rows affected (0.03 sec)

mysql>
mysql> INSERT INTO Parents VALUES(1, 'Jason', 'Thane', 54, 750000, 'Accountant', 'jason@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> INSERT INTO Parents VALUES(2, 'Sara ali', 'Mulund', 35, 850000, 'Engineer', 'sara@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> INSERT INTO Parents VALUES(3, 'Manish', 'Chinchpokali', 45, 650000, 'Teacher', 'manish@gmail.com');
Query OK, 1 row affected (0.01 sec)
```

2.

```
mysql> create database students;
Query OK, 1 row affected (0.01 sec)

mysql> use students;
Database changed
mysql> CREATE TABLE Parents (parent_id INT PRIMARY KEY, parents_name VARCHAR(100),city VARCHAR(100),age INT,annual_income INT, occupation VARCHAR(100), email_id VARCHAR(100));
Query OK, 0 rows affected (0.03 sec)

mysql>
mysql> INSERT INTO Parents VALUES(1, 'Jason', 'Thane', 54, 750000, 'Accountant', 'jason@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> INSERT INTO Parents VALUES(2, 'Sara ali', 'Mulund', 35, 850000, 'Engineer', 'sara@gmail.com');
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> INSERT INTO Parents VALUES(3, 'Manish', 'Chinchpokali', 45, 650000, 'Teacher', 'manish@gmail.com');
Query OK, 1 row affected (0.01 sec)
```

3.

```
mysql> select * from Parents;
+-----+-----+-----+-----+-----+-----+-----+
| parent_id | parents_name | city | age | annual_income | occupation | email_id |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | Jason | Thane | 54 | 750000 | Accountant | NA |
| 2 | Sara ali | Mulund | 35 | 850000 | Engineer | NA |
| 3 | Manish | Chinchpokali | 45 | 650000 | Teacher | NA |
| 4 | john | Mumbai | 39 | 550000 | Nurse | NA |
| 5 | David verma | Ghatkoper | 42 | 900000 | Manager | NA |
| 6 | Anjali | Koper | 38 | 600000 | Lawyer | NA |
| 7 | Anita | Dadar | 41 | 700000 | IT Consultant | NA |
| 8 | Sonia | Santacruz | 36 | 800000 | Architect | NA |
| 9 | Madhav | Dadar | 43 | 750000 | Entrepreneur | NA |
| 10 | Pratham More | Sonapur | 37 | 650000 | Marketing Specialist | NA |
| 11 | Captain america | new york | 105 | 9000000 | Avengers | NA |
| 12 | antman | Jacksonville | 34 | 550000 | police | NA |
| 13 | rock Lee | Tokyo | 26 | 750000 | Ninja | NA |
| 14 | Naruto | Hidden village | 30 | 7000000 | Hokage | NA |
| 15 | Minato | Hidden village | 25 | 800000 | Hokage | NA |
| 16 | Gara | Sand Hidden Village | 26 | 650000 | Kazekage | NA |
| 17 | Itachi | Leaf village | 35 | 7500000 | Rogue ninja | NA |
| 18 | Thor | Asgaard | 1500 | 60000000 | God | NA |
| 19 | john cena | Denver | 37 | 8500000 | Boxer | NA |
| 20 | King arther | Washington | 41 | 5500000 | King | NA |
+-----+-----+-----+-----+-----+-----+-----+
20 rows in set (0.00 sec)
```

4.

```
mysql> SELECT * FROM Parents WHERE city IN ('Thane', 'Mulund', 'Mumbai', 'Ghatkopar', 'Dadar');
```

parent_id	parents_name	city	age	annual_income	occupation	email_id
1	Jason	Thane	54	750000	Accountant	NA
2	Sara ali	Mulund	35	850000	Engineer	NA
4	john	Mumbai	39	550000	Nurse	NA
7	Anita	Dadar	41	700000	IT Consultant	NA
9	Madhav	Dadar	43	750000	Entrepreneur	NA

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

5.

```
mysql> SELECT * FROM Parents WHERE annual_income < 500000 OR age > 45;
```

parent_id	parents_name	city	age	annual_income	occupation	email_id
1	Jason	Thane	54	750000	Accountant	NA
11	Captain america	new york	105	9000000	Avengers	NA
18	Thor	Asgaard	1500	60000000	God	NA

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

2) Assignment 2

1.

```
mysql> insert into Company (company_Id,company_name,company_city)
-> values (1,'Dominos','Los Angeles'),
->        (2,'Pizza Hut','San Francisco'),
->        (3,'Papa Joins','San Deigo'),
->        (4,'Ah Pizz','Fremont'),
->        (5,'Nino Pizza','Las Vegas'),
->        (6,'Pizzeria','Boston'),
->        (7,'Chunck e cheese','Chicago');
Query OK, 7 rows affected (0.01 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

```
mysql> select* from Company;
```

company_Id	company_name	company_city
1	Dominos	Los Angeles
2	Pizza Hut	San Francisco
3	Papa Joins	San Deigo
4	Ah Pizz	Fremont
5	Nino Pizza	Las Vegas
6	Pizzeria	Boston
7	Chunck e cheese	Chicago

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

2.

```
mysql> insert into Items (item_id,item_name,units_sold,company_Id) values
-> (1,'Large Pizza',5,2),
-> (2,'Garlic Knots',6,3),
-> (3,'Large Pizza',3,3),
-> (4,'Medium Pizza',8,4),
-> (5,'Breadsticks',7,1),
-> (6,'Medium Pizza',11,1),
-> (7,'Small Pizza',9,6),
-> (8,'Small Pizza',6,7);
Query OK, 8 rows affected (0.01 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> select* from Items;
```

item_id	item_name	units_sold	company_Id
1	Large Pizza	5	2
2	Garlic Knots	6	3
3	Large Pizza	3	3
4	Medium Pizza	8	4
5	Breadsticks	7	1
6	Medium Pizza	11	1
7	Small Pizza	9	6
8	Small Pizza	6	7

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

3.

```
mysql> select c.company_name,c.company_city,i.item_name,i.units_sold from Company c JOIN Items i where c.company_Id = i.company_Id;
```

company_name	company_city	item_name	units_sold
Pizza Hut	San Francisco	Large Pizza	5
Papa Joins	San Deigo	Garlic Knots	6
Papa Joins	San Deigo	Large Pizza	3
Ah Pizz	Fremont	Medium Pizza	8
Dominos	Los Angeles	Breadsticks	7
Dominos	Los Angeles	Medium Pizza	11
Pizzeria	Boston	Small Pizza	9
Chunck e cheese	Chicago	Small Pizza	6

8 rows in set (0.00 sec)