

1. Install MySQL locally.

2. create 2 tables in the database.

```
mysql> show table;
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 '' at line 1
mysql> show tables;
+-----+
| Tables_in_danishraza |
+-----+
| userinfo              |
+-----+
1 row in set (0.06 sec)
```

```
mysql> INSERT INTO userinfo(id, username, email, phone) VALUES(1, 'laptop', 'laptop155@gmail.com', 2);
Query OK, 1 row affected (0.03 sec)

mysql> CREATE TABLE employee(userid int, employee_name varchar(50), employee_phone varchar(50), employee_salary varchar(50));
Query OK, 0 rows affected (0.11 sec)

mysql> INSERT INTO employee(userid, employee_name, employee_phone, employee_salary) VALUES(1, 'Danish', '6712561321', '100000');
Query OK, 1 row affected (0.04 sec)

mysql> SELECT * FROM userinfo;
+-----+-----+-----+-----+
| id | username | email | phone |
+-----+-----+-----+-----+
| 1 | laptop | laptop155@gmail.com | 2 |
+-----+-----+-----+-----+
1 row in set (0.03 sec)

mysql> SELECT * FROM employee;
+-----+-----+-----+-----+
| userid | employee_name | employee_phone | employee_salary |
+-----+-----+-----+-----+
| 1 | Danish | 6712561321 | 100000 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

You have to write following MySQL queries: -

Question 1.

```
mysql> INSERT INTO userinfo(id, username, email, phone) VALUES(20, 'sana', 'sail155@gmail.com', 21);
Query OK, 1 row affected (0.02 sec)

-> SELECT * FROM userinfo;
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 ')'
SELECT * FROM userinfo' at line 1
mysql> SELECT * FROM userinfo;
+-----+-----+-----+-----+
| id | username | email | phone |
+-----+-----+-----+-----+
| 1 | laptop | laptop155@gmail.com | 2 |
| 2 | rocky | dell155@gmail.com | 3 |
| 3 | sinchan | sinchan155@gmail.com | 3 |
| 3 | cop | aell1255@gmail.com | 4 |
| 4 | zain | bell1255@gmail.com | 5 |
| 5 | vikram | cell1255@gmail.com | 6 |
| 6 | saniya | aell155@gmail.com | 7 |
| 7 | saif | fell155@gmail.com | 8 |
| 8 | kaif | gell155@gmail.com | 9 |
| 9 | kaish | hell155@gmail.com | 10 |
| 10 | asish | iell155@gmail.com | 11 |
| 11 | abid | jell155@gmail.com | 12 |
| 12 | adib | kell155@gmail.com | 13 |
| 13 | dilshad | lell155@gmail.com | 14 |
| 14 | shad | mell155@gmail.com | 15 |
| 15 | ashad | nell155@gmail.com | 16 |
| 16 | adesh | oell155@gmail.com | 17 |
| 17 | cop | pll155@gmail.com | 18 |
| 18 | sadiq | qall155@gmail.com | 19 |
| 19 | rashid | rall155@gmail.com | 20 |
| 20 | sana | sail155@gmail.com | 21 |
+-----+-----+-----+-----+
21 rows in set (0.04 sec)
```

```
mysql> INSERT INTO employee(userid, employee_name, employee_phone, employee_salary) VALUES(20, 'anil', '812311210', '119000');
Query OK, 1 row affected (0.03 sec)

mysql> SELECT * FROM employee;
+-----+-----+-----+-----+
| userid | employee_name | employee_phone | employee_salary |
+-----+-----+-----+-----+
| 1 | Danish | 6712561321 | 100000 |
| 2 | Arbaz | 6315561321 | 110000 |
| 3 | Anas | 6712341321 | 101000 |
| 4 | cop | 8712341321 | 111000 |
| 4 | shamim | 9112341321 | 102000 |
| 5 | moin | 9912341321 | 103000 |
| 6 | zain | 9512341321 | 104000 |
| 7 | dan | 9012341321 | 105000 |
| 8 | cop | 9022341321 | 106000 |
| 9 | umer | 962341321 | 107000 |
| 10 | kashif | 922342321 | 108000 |
| 11 | kais | 922343221 | 109000 |
| 12 | babar | 927343221 | 112000 |
| 13 | kohli | 927343201 | 113000 |
| 14 | malik | 927300201 | 114000 |
| 15 | umran | 927301201 | 115000 |
| 16 | usman | 927301210 | 116000 |
| 17 | aman | 827301210 | 117000 |
| 18 | ankita | 812301210 | 118000 |
| 19 | anjali | 812311210 | 119000 |
| 20 | anil | 812311210 | 119000 |
+-----+-----+-----+-----+
21 rows in set (0.00 sec)
```

Question 2

```
mysql> SELECT * FROM (SELECT * FROM userinfo ORDER BY id DESC LIMIT 10)Var1 ORDER BY id ASC;
+-----+-----+-----+-----+
| id | username | email | phone |
+-----+-----+-----+-----+
| 41 | zafar | zk15@gmail.com | 42 |
| 42 | rahim | rrr15@gmail.com | 43 |
| 43 | safik | arr15@gmail.com | 44 |
| 44 | sadman | for15@gmail.com | 45 |
| 45 | diksha | ifr15@gmail.com | 46 |
| 46 | bhuban | fr15@gmail.com | 47 |
| 47 | bhanu | if15@gmail.com | 48 |
| 48 | saket | elsef15@gmail.com | 49 |
| 49 | sanjog | elseif15@gmail.com | 50 |
| 50 | munazir | elif15@gmail.com | 51 |
+-----+-----+-----+-----+
10 rows in set (0.02 sec)
```

Question 3

```
SELECT * FROM danishraza.userinfo
WHERE username = 'cop';
```

Result Grid			Filter Rows:	<input type="text"/>	Export:	Wrap Cell Content:
	id	username	email	phone		
▶	3	cop	aell255@gmail.com	4		
	17	cop	pll155@gmail.com	18		

Question 4

```
SELECT userid, employee_phone FROM danishraza.employee
WHERE userid = 1;
```

Result Grid		Filter Rows: <input type="text"/>	Export:	Wrap Cell Content:
	userid	employee_phone		
▶	1	6712561321		

Question 5

```
mysql> UPDATE userinfo SET email = 'krd12@gmail.com' WHERE id = 1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> SELECT * FROM userinfo;
+-----+-----+-----+-----+
| id | username | email | phone |
+-----+-----+-----+-----+
| 1 | laptop | krd12@gmail.com | 2 |
| 2 | rocky | dell155@gmail.com | 3 |
| 3 | sinchan | sinchan155@gmail.com | 3 |
| 3 | cop | aell1255@gmail.com | 4 |
| 4 | zain | bell1255@gmail.com | 5 |
+-----+-----+-----+-----+
```

Question 6

Query 1 employee userinfo employee products customers employee employee userinfo employee x

Limit to 1000 rows

```
1 /*SELECT * FROM danishraza.employee;*/
2
3 /*SELECT userid, employee_phone FROM danishraza.employee
4 WHERE userid = 1;*/
5
6 • SELECT MAX(employee_salary) AS highest_salary FROM danishraza.employee;
7 ⊕ /*
8
9 WHERE userid = 50;
```

Result Grid	Filter Rows: <input type="text"/>	Export:	Wrap Cell Content:
	highest_salary		
▶	212009		

Question 7

```
mysql> DELETE FROM danishraza.employee WHERE userid = 50;
Query OK, 1 row affected (0.03 sec)
```

```
+-----+-----+-----+-----+
| 49 | ashad | 809161210 | 212009 |
+-----+-----+-----+-----+
50 rows in set (0.00 sec)
```