

NAME: Harshit Deepak Kadam

AF Code: AF05047333

Create Employees (EmployeeID, Name, Age, Salary, Department) and give autoincremented value to id and salary should be in decimal.

```
mysql> create table employees
-> (
-> empid int primary key auto_increment,
-> name varchar(30),
-> age int,
-> salary decimal (10,2),
-> depart varchar(30)
-> );
Query OK, 0 rows affected (0.03 sec)
```

Q.2) Insert minimum 15 records.

```
mysql> insert into employees (name,age,salary,depart) values
-> ("Rajes",26,34000.00,"Sales"),
-> ("Yash",25,23000.00,"Sales"),
-> ("Neha",22,26000.00,"Developer"),
-> ("Priya",27,44000.00,"Sr.Manager"),
-> ("Umesh",45,40000.00,"Sr.Manager"),
-> ("Uma",23,34000.00,"Accountant");
Query OK, 6 rows affected (0.01 sec)
Records: 6  Duplicates: 0  Warnings: 0
```

```
mysql> insert into employees (name,age,salary,depart) values
-> ("Sahil",26,34000.00,"Developer"),
-> ("Deep",30,40000.00,"Sr.Developer"),
-> ("Ayush",19,10000.00,"Intern"),
-> ("Reeshma",25,25000.00,"Accountant"),
-> ("Sushma",25,45000.00,"Sr.Accountant"),
-> ("Rani",30,43000.00,"Asst.Manager"),
-> ("Ramesh",34,30000.00,"Manager");
Query OK, 7 rows affected (0.01 sec)
Records: 7  Duplicates: 0  Warnings: 0
```

```
mysql> insert into employees (name,age,salary,depart) values
-> ("Harshit",20,20000.00,"Analyst"),
-> ("Ajay",34,30000.00,"Manager");
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql> select * from employees;
+-----+-----+-----+-----+-----+
| empid | name   | age   | salary | depart |
+-----+-----+-----+-----+-----+
|     1 | Harshit |    20 | 20000.00 | Analyst |
|     2 | Ajay    |    34 | 30000.00 | Manager  |
|     3 | Sahil   |    26 | 34000.00 | Developer|
|     4 | Deep    |    30 | 40000.00 | Sr.Developer|
|     5 | Ayush   |    19 | 10000.00 | Intern   |
|     6 | Reeshma |    25 | 25000.00 | Accountant|
|     7 | Sushma  |    25 | 45000.00 | Sr.Accountant|
|     8 | Rani    |    30 | 43000.00 | Asst.Manager|
|     9 | Ramesh  |    34 | 30000.00 | Manager  |
|    10 | Rajes   |    26 | 34000.00 | Sales    |
|    11 | Yash    |    25 | 23000.00 | Sales    |
|    12 | Neha    |    22 | 26000.00 | Developer|
|    13 | Priya   |    27 | 44000.00 | Sr.Manager|
|    14 | Umesh   |    45 | 40000.00 | Sr.Manager|
|    15 | Uma     |    23 | 34000.00 | Accountant|
+-----+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

Q.3)Update salary of person whose salary is less than 30000

```
mysql> update employees set salary = 40000.00 where salary <=30000.00;
Query OK, 7 rows affected (0.01 sec)
Rows matched: 7  Changed: 7  Warnings: 0

mysql> select * from employees;
+-----+-----+-----+-----+-----+
| empid | name   | age   | salary | depart |
+-----+-----+-----+-----+-----+
| 1     | Harshit | 20    | 40000.00 | Analyst |
| 2     | Ajay    | 34    | 40000.00 | Manager  |
| 3     | Sahil   | 26    | 34000.00 | Developer |
| 4     | Deep    | 30    | 40000.00 | Sr.Developer |
| 5     | Ayush   | 19    | 40000.00 | Intern   |
| 6     | Reeshma | 25    | 40000.00 | Accountant |
| 7     | Sushma  | 25    | 45000.00 | Sr.Accountant |
| 8     | Rani    | 30    | 43000.00 | Asst.Manager |
| 9     | Ramesh  | 34    | 40000.00 | Manager   |
| 10    | Rajes   | 26    | 34000.00 | Sales    |
| 11    | Yash    | 25    | 40000.00 | Sales    |
| 12    | Neha    | 22    | 40000.00 | Developer |
| 13    | Priya   | 27    | 44000.00 | Sr.Manager |
| 14    | Umesh   | 45    | 40000.00 | Sr.Manager |
| 15    | Uma     | 23    | 34000.00 | Accountant |
+-----+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

Q.4)Delete all the records whose salary is less than 15000.

```
mysql> delete from employees where salary <=15000.00;
Query OK, 0 rows affected (0.00 sec)

mysql> select * from employees;
+-----+-----+-----+-----+-----+
| empid | name   | age   | salary | depart |
+-----+-----+-----+-----+-----+
| 1     | Harshit | 20    | 40000.00 | Analyst |
| 2     | Ajay    | 34    | 40000.00 | Manager  |
| 3     | Sahil   | 26    | 34000.00 | Developer |
| 4     | Deep    | 30    | 40000.00 | Sr.Developer |
| 5     | Ayush   | 19    | 40000.00 | Intern   |
| 6     | Reeshma | 25    | 40000.00 | Accountant |
| 7     | Sushma  | 25    | 45000.00 | Sr.Accountant |
| 8     | Rani    | 30    | 43000.00 | Asst.Manager |
| 9     | Ramesh  | 34    | 40000.00 | Manager   |
| 10    | Rajes   | 26    | 34000.00 | Sales    |
| 11    | Yash    | 25    | 40000.00 | Sales    |
| 12    | Neha    | 22    | 40000.00 | Developer |
| 13    | Priya   | 27    | 44000.00 | Sr.Manager |
| 14    | Umesh   | 45    | 40000.00 | Sr.Manager |
| 15    | Uma     | 23    | 34000.00 | Accountant |
+-----+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

Q.5)Delete a record whose id=13

```
mysql> delete from employees where empid = 13;
Query OK, 1 row affected (0.01 sec)

mysql> select * from employees;
+-----+-----+-----+-----+-----+
| empid | name   | age   | salary | depart |
+-----+-----+-----+-----+-----+
|     1 | Harshit | 20    | 40000.00 | Analyst
|     2 | Ajay    | 34    | 40000.00 | Manager
|     3 | Sahil   | 26    | 34000.00 | Developer
|     4 | Deep    | 30    | 40000.00 | Sr.Developer
|     5 | Ayush   | 19    | 40000.00 | Intern
|     6 | Reeshma | 25    | 40000.00 | Accountant
|     7 | Sushma  | 25    | 45000.00 | Sr.Accountant
|     8 | Rani    | 30    | 43000.00 | Asst.Manager
|     9 | Ramesh  | 34    | 40000.00 | Manager
|    10 | Rajes   | 26    | 34000.00 | Sales
|    11 | Yash    | 25    | 40000.00 | Sales
|    12 | Neha    | 22    | 40000.00 | Developer
|    14 | Umesh   | 45    | 40000.00 | Sr.Manager
|    15 | Uma     | 23    | 34000.00 | Accountant
+-----+-----+-----+-----+
14 rows in set (0.00 sec)
```

Q.6)Find Maximum salary department wise.

```
mysql> select depart,max(salary) as MaxSalary from employees GROUP BY depart;
+-----+-----+
| depart      | MaxSalary |
+-----+-----+
| Analyst     | 40000.00 |
| Manager     | 40000.00 |
| Developer   | 40000.00 |
| Sr.Developer| 40000.00 |
| Intern      | 40000.00 |
| Accountant  | 40000.00 |
| Sr.Accountant| 45000.00 |
| Asst.Manager| 43000.00 |
| Sales       | 40000.00 |
| Sr.Manager  | 40000.00 |
+-----+-----+
10 rows in set (0.00 sec)
```

Q.7)Find average salary of a person in company.

```
mysql> select avg(salary) as AvgrageSalary from employees;
+-----+
| AvgrageSalary |
+-----+
| 39285.714286 |
+-----+
1 row in set (0.00 sec)
```