```
mysql> create database wds;
Query OK, 1 row affected (0.13 sec)
```

Q2.

```
mysql> create table Employee(
    -> id int,
    -> first_name CHAR(10),
    -> last_name CHAR(10),
    -> salary FLOAT,
    -> joining_date DATE,
    -> dept_id VARCHAR(30)
    -> );
Query OK, 0 rows affected (1.23 sec)
```

```
mysql> select * from Department;
| id | dept name
      Aerospace
| AE
| CS123 | Computer Science
| ECE | Electronics & Comm |
| EE | Electrical Engineering |
| ME124 | Mechanical Engineering |
5 rows in set (0.00 sec)
mysql> select * from Employee;
| id | first name | last name | salary | joining date | dept id |
l 452 | Sadam
                   CS123
 453 | John
                   | John
| Jalan
                              | 45000.4 | 2019-06-15
                                                       | CS123
                                                       CS123
| 454 | Akshay
                             | 45000.4 | 2011-09-15
                  | Wankhede | 45406.4 | 2019-09-05
| 455 | Nishant
                                                       CS123
 456 | Akansha
                             | 85000.5 | 2009-09-15
                                                     | EE
                   J
                             | 95000.5 | 2018-09-15 | ECE
| 45450.4 | 2019-09-15 | ME124
 457 | Tanwi
                   l K
 458 | Ayush
                   | John
                   | John
 459 | Karthik
                             | 45000.4 | 2019-09-15
                                                       | CS123
 460 | Amman
                   Khan
                              | 75000.5 | 1999-09-15
                                                       | EE
 461 | Akshav
                   | Wankhede | 45600.4 | 2011-09-15
                                                       I ECE
```

```
mysql> create table Department(
   -> id VARCHAR(30),
   -> dept name CHAR(50)
   -> ):
Ouery OK, O rows affected (0.61 sec)
mysql> ALTER TABLE Department
    -> ADD PRIMARY KEY(id);
Query OK, 0 rows affected (1.26 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE Employee
   -> ADD FOREIGN KEY (dept_id) REFERENCES Department(id);
Query OK, O rows affected (1.39 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE Employee ADD PRIMARY KEY(id):
Query OK, 0 rows affected (1.42 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

Q3.

Q4.

```
mysql> select * from Employee WHERE salary between 5000 and 50000;

| id | first_name | last_name | salary | joining_date | dept_id |
| 452 | Sadam | Hussain | 45000.4 | 2017-06-15 | CS123 |
| 453 | John | John | 45000.4 | 2019-06-15 | CS123 |
| 454 | Akshay | Jalan | 45000.4 | 2011-09-15 | CS123 |
| 455 | Nishant | Wankhede | 45406.4 | 2019-09-05 | CS123 |
| 458 | Ayush | John | 45450.4 | 2019-09-15 | ME124 |
| 459 | Karthik | John | 45000.4 | 2019-09-15 | CS123 |
| 461 | Akshay | Wankhede | 45600.4 | 2011-09-15 | ECE |
```

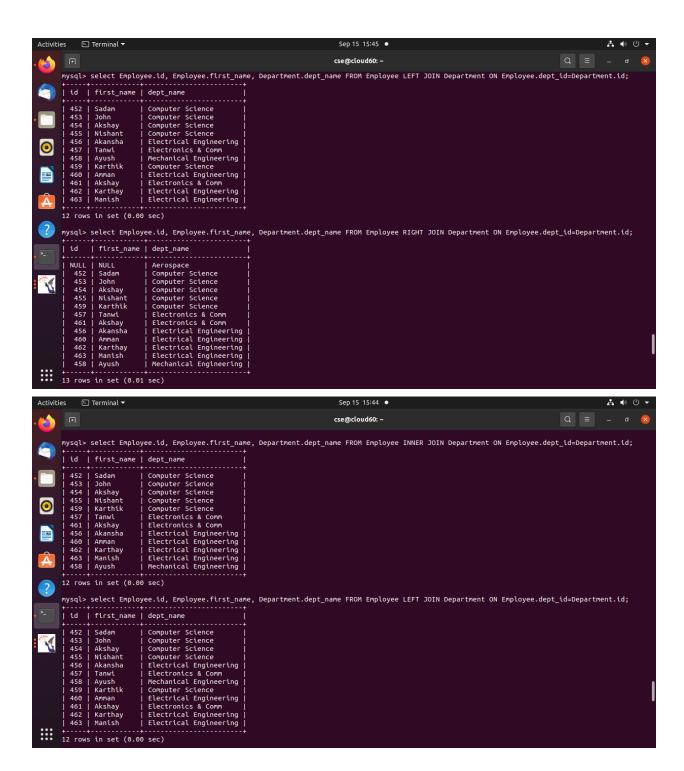
## Q5.

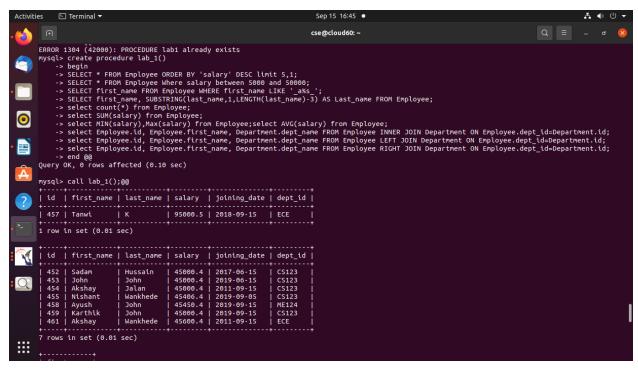
## Q6.

```
mysql> select first_name, SUBSTRING(last_name,1,LENGTH(last_name)-3) AS Last_name from Employee;
| first_name | Last_name |
 Sadam
             Huss
  John
             J
  Akshay
             | Ja
  Nishant
             Wankh
  Akansha
  Tanwi
              J
  Ayush
  Karthik
             jj
  Amman
  Akshay
              Wankh
  Karthay
  Manish
```

## Q7.

```
Sep 15 15:27 •
                                                                   cse@cloud60: ~
     Manish
     12 rows in set (0.00 sec)
     mysql> select count(*) from Employee;
| count(*) |
     1 row in set (0.01 sec)
     mysql> select SUM(salary) from Employee;
     SUM(salary)
     683460.50390625
     1 row in set (0.01 sec)
     mysql> select MIN(salary), MAX(salary) from Employee;
     | MIN(salary) | MAX(salary) |
     | 45000.4 | 95000.5 |
     1 row in set (0.00 sec)
     mysql> select AVG(salary) from Employee;
    mysql> setect ....
a+
a| AVG(salary) |
     56955.0419921875
     1 row in set (0.00 sec)
mysql> 🗌
```





Q9 IS ABOVE. Procedure