Experiment-01

```
mysql> use akil;
Database changed
mysql> select * from EmployeeInfo;
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept    | Project | Address      | DOB        | Gender | salary |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
|     1 | akhil    | pandey   | IT      | p1      | rithala      | 1976-01-25 | M      | 10000  |
|     2 | alameen  | shakil   | IT      | p2      | firozabad    | 2004-01-25 | M      | 55000  |
|     3 | junaid   | khan     | HR      | p2      | nepal        | 2005-01-25 | M      | 65000  |
|     4 | tahseen  | raza     | IT      | p2      | bhut sari    | 2005-01-25 | M      | 67897  |
|     5 | vivek    | kumar    | IT      | p3      | rajasthan    | 2003-01-25 | M      | 76857  |
|     6 | abc      | raza     | HR      | p3      | okhla        | 2002-01-25 | f      | 74576  |
|     7 | sameer   | khan     | Finance | p4      | okhla (Delhi)| 2005-01-25 | M      | 87698  |
|     8 | mohit    | tomar    | IT      | p4      | delhi        | 2005-01-25 | M      | 67587  |
|     9 | ajay     | kumar    | Medical | p1      | up           | 2004-01-25 | M      | 45675  |
|    10 | rajiv    | khanna   | IT      | p2      | bihar        | 2006-01-25 | M      | 55675  |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
10 rows in set (0.00 sec)
```

```
mysql> select * from EmployeeInfo where Dept = 'HR' and Gender = 'F';
+-------+----------+----------+------+---------+---------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept | Project | Address | DOB        | Gender | salary |
+-------+----------+----------+------+---------+---------+------------+--------+--------+
|     6 | abc      | raza     | HR   | p3      | okhla   | 2002-01-25 | f      | 74576  |
+-------+----------+----------+------+---------+---------+------------+--------+--------+
1 row in set (0.00 sec)
```

```
mysql> select * from EmployeeInfo where Address = 'delhi';
+-------+----------+----------+------+---------+---------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept | Project | Address | DOB        | Gender | salary |
+-------+----------+----------+------+---------+---------+------------+--------+--------+
|     8 | mohit    | tomar    | IT   | p4      | delhi   | 2005-01-25 | M      | 67587  |
+-------+----------+----------+------+---------+---------+------------+--------+--------+
1 row in set (0.00 sec)
```

```
mysql> select * from EmployeeInfo where Project = 'p2' and Gender = 'M';
+-------+----------+----------+------+---------+-----------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept | Project | Address   | DOB        | Gender | salary |
+-------+----------+----------+------+---------+-----------+------------+--------+--------+
|     2 | alameen  | shakil   | IT   | p2      | firozabad | 2004-01-25 | M      | 55000  |
|     3 | junaid   | khan     | HR   | p2      | nepal     | 2005-01-25 | M      | 65000  |
|     4 | tahseen  | raza     | IT   | p2      | bhut sari | 2005-01-25 | M      | 67897  |
|    10 | rajiv    | khanna   | IT   | p2      | bihar     | 2006-01-25 | M      | 55675  |
+-------+----------+----------+------+---------+-----------+------------+--------+--------+
4 rows in set (0.00 sec)
```

Experiment-02

```
mysql> select upper(EmpFname) as EmpName from EmployeeInfo;
+----------+
| EmpName  |
+----------+
| AKHIL    |
| ALAMEEN  |
| JUNAID   |
| TAHSEEN  |
| VIVEK    |
| ABC      |
| SAMEER   |
| MOHIT    |
| AJAY     |
| RAJIV    |
+----------+
10 rows in set (0.00 sec)
```

```
mysql> select count(*) from EmployeeInfo where Dept = 'HR';
+----------+
| count(*) |
+----------+
|        2 |
+----------+
1 row in set (0.00 sec)
```

```
mysql> select current_date();
+----------------+
| current_date() |
+----------------+
| 2025-01-17     |
+----------------+
1 row in set (0.00 sec)
```

```
mysql> select substring(EmpLname,1,4) from EmployeeInfo;
+-------------------------+
| substring(EmpLname,1,4) |
+-------------------------+
| pand                    |
| shak                    |
| khan                    |
| raza                    |
| kuma                    |
| raza                    |
| khan                    |
| toma                    |
| kuma                    |
| khan                    |
+-------------------------+
10 rows in set (0.00 sec)
```

```
mysql> select mid(Address,1,locate('(',Address)-1) from EmployeeInfo;
+--------------------------------------+
| mid(Address,1,locate('(',Address)-1) |
+--------------------------------------+
|                                      |
|                                      |
|                                      |
|                                      |
|                                      |
|                                      |
| okhla                                |
|                                      |
|                                      |
|                                      |
+--------------------------------------+
10 rows in set (0.00 sec)
```

```
mysql> select * from EmployeeInfo where salary between 50000 and 100000;
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept    | Project | Address      | DOB        | Gender | salary |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
|     2 | alameen  | shakil   | IT      | p2      | firozabad    | 2004-01-25 | M      |  55000 |
|     3 | junaid   | khan     | HR      | p2      | nepal        | 2005-01-25 | M      |  65000 |
|     4 | tahseen  | raza     | IT      | p2      | bhut sari    | 2005-01-25 | M      |  67897 |
|     5 | vivek    | kumar    | IT      | p3      | rajasthan    | 2003-01-25 | M      |  76857 |
|     6 | abc      | raza     | HR      | p3      | okhla        | 2002-01-25 | f      |  74576 |
|     7 | sameer   | khan     | Finance | p4      | okhla (Delhi)| 2005-01-25 | M      |  87698 |
|     8 | mohit    | tomar    | IT      | p4      | delhi        | 2005-01-25 | M      |  67587 |
|    10 | rajiv    | khanna   | IT      | p2      | bihar        | 2006-01-25 | M      |  55675 |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
8 rows in set (0.00 sec)
```

```
mysql> select * from EmployeeInfo where EmpFname like 's%';
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept    | Project | Address      | DOB        | Gender | salary |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
|     7 | sameer   | khan     | Finance | p4      | okhla (Delhi)| 2005-01-25 | M      |  87698 |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
1 row in set (0.01 sec)
```

```
mysql> select * from EmployeeInfo order by salary desc limit 5;
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
| EmpId | EmpFname | EmpLname | Dept    | Project | Address      | DOB        | Gender | salary |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
|     7 | sameer   | khan     | Finance | p4      | okhla (Delhi)| 2005-01-25 | M      |  87698 |
|     5 | vivek    | kumar    | IT      | p3      | rajasthan    | 2003-01-25 | M      |  76857 |
|     6 | abc      | raza     | HR      | p3      | okhla        | 2002-01-25 | f      |  74576 |
|     4 | tahseen  | raza     | IT      | p2      | bhut sari    | 2005-01-25 | M      |  67897 |
|     8 | mohit    | tomar    | IT      | p4      | delhi        | 2005-01-25 | M      |  67587 |
+-------+----------+----------+---------+---------+--------------+------------+--------+--------+
5 rows in set (0.00 sec)
```

```
mysql> select concat(EmpFname,' ',EmpLname) as FullName from EmployeeInfo;
+----------------+
| FullName       |
+----------------+
| akhil pandey   |
| alameen shakil |
| junaid khan    |
| tahseen raza   |
| vivek kumar    |
| abc raza       |
| sameer khan    |
| mohit tomar    |
| ajay kumar     |
| rajiv khanna   |
+----------------+
10 rows in set (0.00 sec)
```