

## Assignment No:02

**Student Name:** Puri Mukta[150]

**Aim:** Use of aggregate function, create view and index

### 1. Aggregate function

#### a.min

```
mysql> select min(salary) from emp;
```

**Output:**

```
+-----+
| min(salary) |
+-----+
|      2000 |
+-----+
1 row in set (0.01 sec)
```

#### b)max

```
mysql> select max(salary) from emp;
```

**Output:**

```
+-----+
| max(salary) |
+-----+
|     30000 |
+-----+
1 row in set (0.00 sec)
```

#### c)count

```
mysql> select count(*) from emp;
```

**Output:**

```
+-----+
| count(*) |
+-----+
|        3 |
+-----+
1 row in set (0.00 sec)
```

**d)avg**

```
mysql> select avg(salary) from emp;
```

**Output:**

```
+-----+
| avg(salary) |
+-----+
| 15666.6667 |
+-----+
1 row in set (0.00 sec)
```

**e)sum**

```
mysql> select sum(salary) from emp;
```

**Output:**

```
+-----+
| sum(salary) |
+-----+
| 47000 |
+-----+
1 row in set (0.01 sec)
```

## View

**Original Table:**

```
mysql> select *from emp;
```

```
+-----+-----+-----+-----+
| eid | ename | salary | desg |
+-----+-----+-----+-----+
| 1 | ram | 2000 | clerk |
| 2 | shyam | 30000 | manager |
| 3 | kiran | 15000 | ass.prof |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> create view emp_view as select eid,ename from emp;
Query OK, 0 rows affected (0.10 sec)
```

```
mysql> select *from emp_view;
```

```
+-----+-----+
```

```
| eid | ename |
```

```
+-----+-----+
```

```
| 1 | ram |
```

```
| 2 | shyam |
```

```
| 3 | kiran |
```

```
+-----+-----+
```

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