

Assignment No:02

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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)
```