Aggregation Functions

1) Display Maximum salary from employee table whose name contain 'i' & date of joining is '1-12-2024' (use alise)

mysql> SELECT MAX(salary) as salmax FROM emp as employee WHERE ename LIKE '%i%' and date_of_joining='2021-12-12';

+-----+ | salmax | +-----+ | 35000 | +-----+

2) Count the total no of employee whose belong to place 'pune' or satara city and designation is 'CEO'

mysql> SELECT COUNT(eno) as enocount FROM emp as employee WHERE city IN('pune','satara') and designation='CEO';

+-----+ | enocount | +-----+ | 1 | +-----+

Group By

1) Count total number of employee designation wise

mysgl> SELECT COUNT(eno) as Total emp, designation FROM emp GROUP BY(designation);

```
+-----+
| Total_emp | designation |
+-----+
| 1 | Sr. Assistant Manager |
| 2 | CEO |
| 2 | Manager |
| 1 | Sr Manager |
+-----+
4 rows in set (0.00 sec)
```

2) Count maximum salary of an employee city wise

mysql> SELECT Max(salary) as Max_Salary, city FROM emp GROUP BY(city);

```
+-----+
| Max_Salary | city |
+-----+
| 75000 | Pune |
| 42000 | Solapur |
| 441000 | Satara |
+------+
```

3 rows in set (0.01 sec)

3) To find total salary value of employee citywise having salary>50000

mysql> SELECT SUM(salary) as Sum_of_Salary, city FROM emp GROUP BY(city) HAVING sum_of_salary>50000;

