**The SQL SELECT TOP Clause:**

**Queries 1:**

mysql> select ename

-> from employee

-> limit 3;

+--------------+

| ename |

+--------------+

| Sonal shinde |

| sudha patil |

| Sonali pol |

+--------------+

3 rows in set (0.00 sec)

**Queries 2:**

mysql> select city

-> from employee

-> where city like '%e';

+------+

| city |

+------+

| pune |

+------+

1 row in set (0.00 sec)

**Aggregate Function:**

**1.The SQL MIN() Function**

mysql> select min(eid)

-> from employee;

+----------+

| min(eid) |

+----------+

| 101 |

+----------+

1 row in set (0.00 sec)

**2.The SQL MAX() Function**

mysql> select max(eid)

-> from employee;

+----------+

| max(eid) |

+----------+

| 105 |

+----------+

1 row in set (0.00 sec)

**3.The SQL SUM() Function**

mysql> select sum(eid)

-> from employee;

+----------+

| sum(eid) |

+----------+

| 515 |

+----------+

1 row in set (0.00 sec)

**4.The SQL AVG() Function**

mysql> select avg(eid)

-> from employee;

+----------+

| avg(eid) |

+----------+

| 103.0000 |

+----------+

1 row in set (0.00 sec)

**5.The SQL Count() Function**

mysql> select count(eid)

-> from employee;

+------------+

| count(eid) |

+------------+

| 5 |

+------------+

1 row in set (0.00 sec)

**The SQL Count(\*) Function**

mysql> select count(\*)eid

-> from employee;

+-----+

| eid |

+-----+

| 5 |

+-----+

1 row in set (0.01 sec)

**AS**

Queries 1:

mysql> select eid as eid,ename as ename

-> from employee as emp

-> where eid>=103 and ename='sonali pol';

+------+------------+

| eid | ename |

+------+------------+

| 103 | Sonali pol |

+------+------------+

1 row in set (0.00 sec)

**SQL Aliases:**

**Queries1:**

mysql> select eid as eid

-> from employee;

+------+

| eid |

+------+

| 101 |

| 102 |

| 103 |

| 104 |

| 105 |

+------+

5 rows in set (0.00 sec)

**SQL Operator:**

**The SQL UNION Operator:**

mysql> select eid

-> from employee as eid;

+------+

| eid |

+------+

| 101 |

| 102 |

| 103 |

| 104 |

| 105 |

+------+

5 rows in set (0.00 sec)

**UNION All:**

mysql> select ename,eid from employee

-> where eid='105'

-> union

-> select ename,eid from employee

-> where eid='105'

-> order by ename;

+---------------+------+

| ename | eid |

+---------------+------+

| Shubham Patil | 105 |

+---------------+------+

1 row in set (0.00 sec);

**The SQL GROUP BY Statement:**

**1.Group By:**

mysql> select count(eid),city

-> from employee

-> group by city;

+------------+----------+

| count(eid) | city |

+------------+----------+

| 1 | pune |

| 2 | satara |

| 1 | kolhapur |

| 1 | sangli |

+------------+----------+

4 rows in set (0.00 sec)

**1.Group By Having:**

mysql> select count(eid),city

-> from employee

-> group by city

-> having eid>=105

-> order by count(eid)desc;

ERROR 1054 (42S22): Unknown column 'eid' in 'having clause'