**The SQL SELECT TOP Clause:**

**Queries 1:**

mysql> select ename

-> from e

-> limit 3;

+--------+

| ename |

+--------+

| Suhani |

| Kajal |

| Vedika |

+--------+

3 rows in set (0.00 sec)

**Queries 2:**

mysql> select city

-> from e

-> where city like '%e';

+------+

| city |

+------+

| pune |

| pune |

| pune |

+------+

3 rows in set (0.00 sec)

**Aggregate Function:**

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

mysql> select min(eno)

-> from e;

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

| min(eno) |

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

| 101 |

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

1 row in set (0.10 sec)

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

mysql> select max(eno)

-> from e;

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

| max(eno) |

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

| 109 |

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

1 row in set (0.00 sec)

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

mysql> select sum(eno)

-> from e;

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

| sum(eno) |

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

| 945 |

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

1 row in set (0.00 sec)

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

mysql> select avg(eno)

-> from e;

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

| avg(eno) |

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

| 105.0000 |

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

1 row in set (0.06 sec)

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

mysql> select count(eno)

-> from e;

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

| count(eno) |

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

| 9 |

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

1 row in set (0.00 sec)

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

mysql> select count(\*)eno

-> from e;

+-----+

| eno |

+-----+

| 9 |

+-----+

1 row in set (0.06 sec)

**AS**

**Queries 1:**

mysql> select eno as eno,ename as ename

-> from e as emp

-> where eno>=103 and ename='vedika';

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

| eno | ename |

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

| 103 | Vedika |

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

1 row in set (0.00 sec)

**SQL Aliases:**

**Queries1:**

mysql> select eno as eno

-> from e;

+------+

| eno |

+------+

| 101 |

| 102 |

| 103 |

| 104 |

| 105 |

| 106 |

| 107 |

| 108 |

| 109 |

+------+

9 rows in set (0.00 sec)

**SQL Operator:**

**The SQL UNION Operator:**

mysql> select eno

-> from e as eno;

+------+

| eno |

+------+

| 101 |

| 102 |

| 103 |

| 104 |

| 105 |

| 106 |

| 107 |

| 108 |

| 109 |

+------+

9 rows in set (0.00 sec)

**UNION All:**

mysql> select ename,eno from e

-> where eno='105'

-> union

-> select ename, eno from e

-> where eno='105'

-> order by ename;

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

| ename | eno |

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

| Angha | 105 |

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

1 row in set (0.06 sec)

**The SQL GROUP BY Statement:**

**1.Group By:**

mysql> select count(eno),city

-> from e

-> group by city;

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

| count(eno) | city |

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

| 1 | satara |

| 3 | pune |

| 1 | Surat |

| 1 | gujrat |

| 1 | Mumbai |

| 1 | Kolhapur |

| 1 | Sangli |

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

7 rows in set (0.00 sec)

**1.Group By Having:**

mysql> select count(eno),city

-> from e

-> group by city

-> having eno>=104

-> order by count(eno)desc;

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