**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_2.**

MariaDB [slip\_2]> select \* from employee;

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

| e\_no | e\_name | address | city | d\_name |

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

| 101 | vishal | pune | kothrud | science |

| 102 | sudh | pune | deccan | arts |

| 103 | adi | pune | dehu | science |

| 104 | singh | pune | ideal | arts |

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

4 rows in set (0.254 sec)

MariaDB [slip\_2]> select \* from project;

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

| p\_no | p\_name | status |

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

| 1001 | aaa | completed |

| 1002 | bbb | progressive |

| 1003 | ccc | incomplete |

| 1004 | ddd | incomplete |

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

4 rows in set (0.092 sec)

MariaDB [slip\_2]> select \* from pro\_emp;

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

| p\_no | e\_no | no\_of\_hrs |

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

| 1001 | 101 | 25 |

| 1002 | 102 | 22 |

| 1003 | 103 | 50 |

| 1004 | 104 | 49 |

| 1002 | 103 | 48 |

| 1004 | 101 | 42 |

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

6 rows in set (0.097 sec)

MariaDB [slip\_2]> select e\_name,status from employee,project,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no;

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

| e\_name | status |

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

| vishal | completed |

| sudh | progressive |

| adi | incomplete |

| singh | incomplete |

| adi | progressive |

| vishal | incomplete |

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

6 rows in set (0.190 sec)

MariaDB [slip\_2]> select e\_name,status,p\_name from employee,project,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no;

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

| e\_name | status | p\_name |

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

| vishal | completed | aaa |

| sudh | progressive | bbb |

| adi | incomplete | ccc |

| singh | incomplete | ddd |

| adi | progressive | bbb |

| vishal | incomplete | ddd |

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

6 rows in set (0.001 sec)

MariaDB [slip\_2]> select e\_name,status,p\_name from employee,project,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no group by p\_name;

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

| e\_name | status | p\_name |

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

| vishal | completed | aaa |

| sudh | progressive | bbb |

| adi | incomplete | ccc |

| singh | incomplete | ddd |

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

4 rows in set (0.064 sec)

MariaDB [slip\_2]> select e\_name,status,p\_name from employee,project,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no order by p\_name;

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

| e\_name | status | p\_name |

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

| vishal | completed | aaa |

| adi | progressive | bbb |

| sudh | progressive | bbb |

| adi | incomplete | ccc |

| singh | incomplete | ddd |

| vishal | incomplete | ddd |

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

6 rows in set (0.002 sec)

MariaDB [slip\_2]> select \* from employee;

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

| e\_no | e\_name | address | city | d\_name |

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

| 101 | vishal | pune | kothrud | science |

| 102 | sudh | pune | deccan | arts |

| 103 | adi | pune | dehu | science |

| 104 | singh | pune | ideal | arts |

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

4 rows in set (0.001 sec)

MariaDB [slip\_2]> select \* from project;

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

| p\_no | p\_name | status |

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

| 1001 | aaa | completed |

| 1002 | bbb | progressive |

| 1003 | ccc | incomplete |

| 1004 | ddd | incomplete |

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

4 rows in set (0.001 sec)

MariaDB [slip\_2]> select \* from pro\_emp;

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

| p\_no | e\_no | no\_of\_hrs |

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

| 1001 | 101 | 25 |

| 1002 | 102 | 22 |

| 1003 | 103 | 50 |

| 1004 | 104 | 49 |

| 1002 | 103 | 48 |

| 1004 | 101 | 42 |

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

6 rows in set (0.001 sec)

MariaDB [slip\_2]> select e\_name from employee,pro\_emp where employee.e\_no=pro\_emp.e\_no and no\_of\_hrs>=50;

+--------+

| e\_name |

+--------+

| adi |

+--------+

1 row in set (0.001 sec)

MariaDB [slip\_2]> select e\_name,employee.e\_no from employee,pro\_emp where employee.e\_no=pro\_emp.e\_no and no\_of\_hrs>=50;

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

| e\_name | e\_no |

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

| adi | 103 |

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

1 row in set (0.042 sec)

MariaDB [slip\_2]> select e\_name,employee.e\_no,no\_of\_hrs from employee,pro\_emp where employee.e\_no=pro\_emp.e\_no and no\_of\_hrs>=50;

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

| e\_name | e\_no | no\_of\_hrs |

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

| adi | 103 | 50 |

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

1 row in set (0.001 sec)

MariaDB [slip\_2]> select \* from employee;

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

| e\_no | e\_name | address | city | d\_name |

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

| 101 | vishal | pune | kothrud | science |

| 102 | sudh | pune | deccan | arts |

| 103 | adi | pune | dehu | science |

| 104 | singh | pune | ideal | arts |

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

4 rows in set (0.001 sec)

MariaDB [slip\_2]> select \* from project;

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

| p\_no | p\_name | status |

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

| 1001 | aaa | completed |

| 1002 | bbb | progressive |

| 1003 | ccc | incomplete |

| 1004 | ddd | incomplete |

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

4 rows in set (0.001 sec)

MariaDB [slip\_2]> select \* from pro\_emp;

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

| p\_no | e\_no | no\_of\_hrs |

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

| 1001 | 101 | 25 |

| 1002 | 102 | 22 |

| 1003 | 103 | 50 |

| 1004 | 104 | 49 |

| 1002 | 103 | 48 |

| 1004 | 101 | 42 |

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

6 rows in set (0.000 sec)

MariaDB [slip\_2]> select employee.e\_name from employee,project,pro\_emp where employee.e\_no=pro\_emp.e\_no and project.p\_no=pro\_emp.p\_no and project.status='progressive';

+--------+

| e\_name |

+--------+

| sudh |

| adi |

+--------+

2 rows in set (0.043 sec)

MariaDB [slip\_2]> select p\_name ,count(employee.e\_no) from employee,project,pro\_emp where employee.e\_no =pro\_emp.e\_no and project.p\_no=pro\_emp.p\_no and status='incomplete';

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

| p\_name | count(employee.e\_no) |

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

| ccc | 3 |

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

1 row in set (0.086 sec)

MariaDB [slip\_2]> select p\_name ,count(\*) from employee,project,pro\_emp where employee.e\_no =pro\_emp.e\_no and project.p\_no=pro\_emp.p\_no and status='incomplete';

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

| p\_name | count(\*) |

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

| ccc | 3 |

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

1 row in set (0.001 sec)

MariaDB [slip\_2]> select \* from employee;

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

| e\_no | e\_name | address | city | d\_name |

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

| 101 | vishal | pune | kothrud | science |

| 102 | sudh | pune | deccan | arts |

| 103 | adi | pune | dehu | science |

| 104 | singh | pune | ideal | arts |

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

4 rows in set (0.001 sec)

MariaDB [slip\_2]> select \* from project;

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

| p\_no | p\_name | status |

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

| 1001 | aaa | completed |

| 1002 | bbb | progressive |

| 1003 | ccc | incomplete |

| 1004 | ddd | incomplete |

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

4 rows in set (0.000 sec)

MariaDB [slip\_2]> select \* from pro\_emp;

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

| p\_no | e\_no | no\_of\_hrs |

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

| 1001 | 101 | 25 |

| 1002 | 102 | 22 |

| 1003 | 103 | 50 |

| 1004 | 104 | 49 |

| 1002 | 103 | 48 |

| 1004 | 101 | 42 |

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

6 rows in set (0.001 sec)

MariaDB [slip\_2]> select p\_name,count(employee.e\_no) from project,employee,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no and status='incomplete' group by p\_name;

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

| p\_name | count(employee.e\_no) |

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

| ccc | 1 |

| ddd | 2 |

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

2 rows in set (0.016 sec)

MariaDB [slip\_2]> select p\_name,count(employee.e\_no) from project,employee,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no and status='incomplete' group by employee.e\_no;

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

| p\_name | count(employee.e\_no) |

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

| ddd | 1 |

| ccc | 1 |

| ddd | 1 |

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

3 rows in set (0.002 sec)

MariaDB [slip\_2]> select p\_name,count(employee.e\_no),e\_name from project,employee,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no and status='incomplete' group by p\_name;

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

| p\_name | count(employee.e\_no) | e\_name |

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

| ccc | 1 | adi |

| ddd | 2 | singh |

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

2 rows in set (0.014 sec)

MariaDB [slip\_2]> select p\_name,count(employee.e\_no),e\_name from project,employee,pro\_emp where project.p\_no=pro\_emp.p\_no and employee.e\_no=pro\_emp.e\_no and status='incomplete' group by employee.e\_no;

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

| p\_name | count(employee.e\_no) | e\_name |

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

| ddd | 1 | vishal |

| ccc | 1 | adi |

| ddd | 1 | singh |

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

3 rows in set (0.001 sec)