mysql> show tables;

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

| Tables\_in\_class\_work |

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

| accounts |

| branch |

| children |

| consulting |

| courses |

| customer |

| department |

| dept |

| employee |

| employees |

| loan |

| managing |

| payment |

| phone\_no |

| programs |

| student |

| teachers |

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

17 rows in set (0.00 sec)

mysql> select \* from courses;

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

| student\_id | subject | sub\_code | branch | hod\_id | credit |

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

| 1011 | Maths | 121 | CSE | ASP4 | 3 |

| 1011 | DBMS | 122 | CSE | ASP2 | 3 |

| 1011 | OOP | 123 | CSE | ASP1 | 3 |

| 1002 | OOP | 123 | ECE | ASP1 | 3 |

| 1002 | Maths | 121 | ECE | ASP4 | 3 |

| 1009 | OOP | 123 | CSE | ASP1 | 3 |

| 1009 | Maths | 121 | CSE | ASP4 | 3 |

| 1017 | DBMS | 121 | CSE | ASP2 | 3 |

| 1008 | DBMS | 121 | ECE | ASP2 | 3 |

| 1008 | EDC | 124 | ECE | ASP3 | 2 |

| 1002 | EDC | 124 | ECE | ASP3 | 2 |

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

11 rows in set (0.00 sec)

1. mysql> select name,address,subject as city from student,courses where (student.roll\_no=courses.student\_id) and branch='CSE';

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

| name | address | city |

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

| Vibhor | Dehli | OOP |

| Vibhor | Dehli | Maths |

| Ashish | Dehradun | Maths |

| Ashish | Dehradun | DBMS |

| Ashish | Dehradun | OOP |

| Anand | Kota | DBMS |

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

6 rows in set (0.00 sec)

1. mysql> select distinct(subject) as courses from courses where branch='CSE';

+---------+

| courses |

+---------+

| Maths |

| DBMS |

| OOP |

+---------+

3 rows in set (0.00 sec)

1. mysql> select name from student where cgpa>=8.5;

+---------+

| name |

+---------+

| Krishna |

| Ashish |

+---------+

2 rows in set (0.00 sec)

1. mysql> select name,count(\*) as Number\_of\_subjects from student,courses where roll\_no=student\_id group by name;

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

| name | Number\_of\_subjects |

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

| Aman | 3 |

| Anand | 1 |

| Ashish | 3 |

| Vibhor | 2 |

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

4 rows in set (0.00 sec)

1. mysql> select semester from student,courses where roll\_no=student\_id and subject='DBMS';

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

| semester |

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

| 3 |

| 6 |

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

2 rows in set (0.00 sec)

1. mysql> select distinct(name) as Names from student order by name asc;

+---------+

| Names |

+---------+

| Aman |

| Anand |

| Ashish |

| Krishna |

| Vibhor |

| Xang |

+---------+

6 rows in set (0.00 sec)

1. mysql> select distinct(subject) as Subjects from courses where branch='CSE';

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

| Subjects |

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

| Maths |

| DBMS |

| OOP |

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

1. rows in set (0.00 sec)
2. mysql> select \* from student where address='Jaipur';

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

| name | address | semester | roll\_no | cgpa |

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

| Krishna | Jaipur | 4 | 1005 | 8.6 |

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

1 row in set (0.00 sec)