

Display the student name , Phone , mark and subnum .

```
mysql> select s.stname,s.phone,r.mark,r.subnum from students s join results r on s.stnum=r.stnum;
```

List all the details from results and subjects where marks is greater than 60.

```
mysql> select r.stnum,r.subnum,r.mark,s.stname,s.phone from students s join results r on s.stnum=r.stnum where mark>60;
```

Display the details from students and results in ascending order as per the student name.

```
mysql> select s.stnum,s.stname,s.phone,r.subnum,r.mark from results r join students s on s.stnum=r.stnum order by s.stname asc;
```

List all the subject numbers and marks. Order the report into the primary sort key of Subject number and the secondary sort of mark in descending order.

```
mysql> select s.stnum,s.stname,r.mark from results r join students s on s.stnum=r.stnum where s.stnum=45 and r.subnum="Info0117" order by 1 asc,3 desc;
```

List all the subject numbers from the results table.

Only include each number once in the report and do not show rows where the mark is a null value.

```
mysql> select distinct subnum from results where mark is not null;
```

Write a SQL query that uses an equi-join to list the student names, subject names and marks which are greater than 50. Order by subject name in ascending order and mark in descending order. Show two ways you can code the order by statement.

```
mysql> select s.stname,r.mark,sb.subname from subjects sb join results r on sb.subnum=r.subnum join students s on s.stnum=r.stnum where r.mark>50 order by 3 asc,2 desc;
```

2.Toys

Write an SQL query to list the tname, tcolour and the onhand for all shops except IGA.

Order by tname and tcolor

```
select t.tname, t.tcolour, ws.onhands from toys t join whosells ws on t.toyid = ws.toyid join shops s on ws.shopnum = s.shopnum where s.shopname = 'IGA' order by t.tname, t.tcolour;
```

Write an SQL query to display shopname, the year of the profits and all the percent profits that are between 18% and 25%. Only show Profits for 2021. Order by the percent profit descending

```
select p.shopname, year(p.profit_date) as profit_year, p.percent_profit from profits p where year(p.profit_date) = 2021 and p.percent_profit between 18 and 25 order by p.percent_profit desc;
```

List all the shopNames that that sell Pink Teddy Bears, Brown Teddy Bears or Brown Footballs. Include all the toys details in the query and order by shopname ascending and onhand descending.

```
select s.shopname, t.* from shops s join whosells ws on s.shopnum = ws.shopnum join toys t on ws.toyid = t.toyid where t.tname in ('Pink Teddy Bear', 'Brown Teddy Bear', 'Brown Football') order by s.shopname asc, ws.onhands desc;
```