**Order by, group by,having**

1. create table Department with dept\_id(integer),dept\_name(varchar(50)).

dept\_id will be foreign key in Employee table.

**Employee table**

---------------------------

empid emp\_name dept\_id salary manager

1 Arun 1 8000 4

2 kiran 1 7000 1

3 Scott 1 3000 1

4 Max 2 9000

5 Jack 2 8000 4

6 King 6000 1

**Department table**

-------------

dept\_id dept\_name

1 Finance

2 Training

3 Marketing

Apply not null,primary key and foreign key constraints.

\*\*\*\*\*\*\*\*\*\*\*order by

1. select all from authors sort ascending by author name.

2. select all from publishers sort descending by publisher name.

\*\*\*\*\*\*\*\*\*\*\*group by

1. select all data and sum of salary from employee and group according to deptid.

2. select deptid and sum of salary where salary is greater than 17000 and group by deptid.

\*\*\*\*\*\*\*\*\*having

1. select deptid and sum of salary where sum of salary is greater than 18000 and grup by deptid.

2. select deptid and sum of salary where sum of salary is less than 20000 and grup by deptid.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

create table Department (dept\_id integer(2) not null ,dept\_name varchar(50) not null, CONSTRAINT pk\_dept\_id PRIMARY KEY (dept\_id));

CREATE TABLE Employee

(

empid integer (2) not null, emp\_name char (60) not null,

dept\_id integer (2), salary integer (6) not null,

manager integer (1),

CONSTRAINT pk\_empid PRIMARY KEY (empid),

CONSTRAINT fk\_dept\_id FOREIGN KEY (dept\_id) REFERENCES DEPARTMENT (dept\_id)

);

Insert into Employee value(1,”Arun”,1,8000,4);

Insert into Employee value(2,”Kiran”,1,7000,1);

Insert into Employee value(3,”Scott”,1,3000,1);

Insert into Employee(empid,emp\_name,dept\_id,salary) value(4,”Max”,2,9000);

Insert into Employee value(5,”Jack”,2,8000,4);

Insert into Employee (empid,emp\_name,salary,manager) value(6,”King”,6000,1);

Insert into Department value(1,”Finance”);

Insert into Department value(2,”Training”);

Insert into Department value(3,”Marketing”);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Select \* from authors order by author\_name;

Select \* from publishers order by publisher\_name DESC;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Select \* , sum(salary) as sum of salary from Employee GROUP BY dept\_id;

Select dept\_id, sum(salary) from Employee where salary>17000 GROUP BY dept\_id;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Select dept\_id , sum(salary) from Employee group by dept\_id having sum(salary)>18000;

Select dept\_id , sum(salary) from Employee group by dept\_id having sum(salary)<20000;

Two in One

Representer :- Once upon a time

(3 male Friends intro conversation Ruchit , Rupesh , Rishi A in canteen)

Representer :- While they are talking 1st grp Roshani seen the guy Ruchit

(1st girl Roshani Rushi J Rohit S)

Roshani : hey look at that guy….. who is he?

Rohit S : his name is Ruchit

Rushi J : he is from cs/mech/etc

Roshani : he look so handsome

Rohit Rushi: (surprisingly) ohhhhhhhhhhhhhhh!!!!!!!

Representer:- On football ground ruchit palying football showing his skill

(2nd girl Rupali Rushabh Rohit K)

Rushabh : (teasing Rupali) hey Rupali where are you looking ?

Rohit K : (teasing Rupali) Rupali look at him

Rupali : (frustating) take a chill guys….

Any girl : Do you know any cardiologist ?

Ruchit : why?

Any girl : whenever I speaks to you my heart beat goes fast……

Hello everyone this is the scene where 9 students fighting for the one title student of the year

Player intro  
first competition Stone Paper Scissor

Roshani vs rishi

Roshani wins

Rupesh vs rushi j

Roshani support rushi j , Rupesh wins

Ruchit vs rohit s roshani supports ruchit instead of rohit

Ruchit wins

Rohit s: hey roshani don’t get flaterred over him.

Roshani: Did you notice that boy he plays very well

Rushikesh joshi: Yaaaaa I observed it don’t get to excitrd you might get fall in love

After Footbal match between ruchit

Rupali: yaaaa he is damn cool , it will be great pleasure to be his dance partner.

Rushabh : surely he will be your best desire person?

Rupali : yaa I totally admire it.

Rohit kotkar: ruchit is already my friend if you have any concern kindly let me know.

Rupali : he is just aquatint .

Lets see preparation before final

The final is about having dance partner both girls wanting the same guy

Roshani approaches ruchit

Roshani: Hey ruchit, I heard you are flexible , would you like to dance with me

Ruchit : Its nice to hear from you but I ‘ll let you know?

Same time Rupali arrives

Rupali: Is it a big deal to be your dance partner?

Roshani and Rupali argue with each other

Roshani : Hey I asked him first stay out of it.

Rupali: Talk to my hand!

Roshani:

Rupali:

Rohit S:

Rushabh :

Rupesh : (He came to Ruchit) Hey Ruchit lets Go there is new First year entry in our clg and she wants to be your Partner