**For Connect DBMS:**

mysql -h localhost -u root

connect rec;

**Create Table & insert Value:**

create table customers(customer\_ID INT,customer\_name varchar(20),primary key(customer\_ID));

create table orders(order\_ID INT,customer\_ID INT,amount double, primary key(order\_ID),foreign key(customer\_ID) references customers(customer\_ID));

insert into customers values(1,'Adam');

insert into customers values(2,'Andy');

insert into customers values(3,'Joe');

insert into customers values(4,'Salary');

insert into orders values(1,1,19.99);

insert into orders values(2,2,35.15);

insert into orders values(3,3,17.56);

insert into orders values(4,4,12.34);

**For Join:**

select \*from customers join orders;

select \*from student join takes where student.ID=takes.ID and student.ID=00128; (Join and Find)

select \*from customers natural join orders;

select \*from customers join orders where customers.customer\_ID=orders.customer\_ID;

**For Get Output the Database:**

mysqldump -u root rec > shitol.sql;

**For Sorting:**

select \*from student order by tot\_credit;

select \*from student order by tot\_credit desc;

**For Finding Query:**

select ID, Semister from takes;

select \*from student where dept\_name="comp.sc";

select \*from student where tot\_credit>50;

select \*from student join takes where student.ID=takes.ID and student.ID=00128;

select student.ID, student.name,takes.semister from student join takes where student.ID=takes.ID and student.ID=00128;

select distinct ID from takes;

select distinct ID from takes where semister="Fall";

select distinct dept\_name from student;

select \*from student where tot\_credit>=50 and tot\_credit<=80;

select h.name from student as h, student as l where h.tot\_credit>l.tot\_credit and l.dept\_name="comp.sc";