1.task

1. Create Table Name: Student and Exam:

Ans:

create database nirmal3;

use nirmal3;

create table student

(rollno int ,name varchar(30),branch varchar(100),primary key(rollno));

insert into dm(rollno,name,branch)

values('1','nirmal','mchanical'),

('2','shuhani','Electronic and com'),

('3','kriti ','Electronic and com');

select \* from student;

desc student;

select \* from student;

use nirmal3;

create table exam

(roll\_no int ,s\_code varchar(30),marks int ,P\_codes varchar(30),foreign key(roll\_no) references dm(rollno));

insert into dn(roll\_no,s\_code,marks,P\_codes)

values('1','cs11','50','cs'),

('1','cs12','60','cs'),

('2','EC101','66','EC'),

('2','EC102','70','EC'),

('3','EC102','45','EC'),

('3','EC102','50','EC');

desc exam;

task 2:

use nirmal4;

create table detail

(First\_name varchar(30),Last\_name varchar(30),Address varchar(30),City varchar(30),Age int);

insert into detail(First\_name,Last\_name,Address,City,Age)

values('Mickey','Mouse','123 Fantasy way','Anaheim','73'),

('Bat','Man','321 cavern ave','Gotham','54'),

('Wonder','Woman','987 Truth way','Paradise','39'),

('Donald','Duck','555 Quack Street','Mallard','65'),

('Bugs','Bunny','567 carrot street','Rascal','58'),

('wiley','coyote','999 Acme way','canyon','61'),

('cat','Woman','234 purrfect street','Hairball','32'),

('Tweety','Bird','543','Itotltaw','28');

Task 3:

a) Get First\_Name from employee table using Tom name “Employee Name”.

b) Get FIRST\_NAME, Joining Date, and Salary from employee table.

c) Get all employee details from the employee table order by First\_Name Ascending and Salary descending?

d) Get employee details from employee table whose first name contains ‘J’. e) Get department wise maximum salary from employee table order by salary ascending?

f) Select first\_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000 g) Create After Insert trigger on Employee table which insert records in view table

use nirmal45;

create table Employee2

(Employee\_id int,First\_name varchar(30),Last\_name varchar(30),Salary int,Joining\_Date datetime,Department varchar(30));

insert into Employee2

values('1','John','Abraham','1000000','2013-01-13 12.00.00','Banking'),

('2','Michael','Clarke','800000','2013-01-13 12.00.00','Insurance'),

('3','Roy','Thomas','700000','2013-02-13 12.00.00','Banking'),

('4','Tom','Jose','600000','2013-02-13 12.00.00','Insurance'),

('5','Jerry','Pinto','6500000','2013-02-13 12.00.00','Insurance'),

('6','Philip','Mathew','7500000','2013-01-13 12.00.00','Services'),

('7','Testname1','123','650000','2013-01-13 12.00.00','Service'),

('8','Testname2','Lname%','600000','2013-01-13 12.00.00','Insurance');

use nirmal45;

create table Incentive

(Employee\_id int,Incentive\_date datetime,Incentive\_amount int);

insert into Incentive

values('1','2013-02-01','5000'),

('2','2013-02-01','3000'),

('3','2013-02-01','4000'),

('1','2013-01-01','4500'),

('2','2013-01-01','3500');

select \* from Employee2 where First\_name="tom";

select First\_name,Joining\_Date,Salary from Employee2;

select \* from employee2 order by First\_name asc;

select \* from employee2 order by salary desc;

select department,salary from employee2 group by department order by salary;

task 4:

Retrieve the below data from above table

a) All orders for more than $1000.

b) Names and cities of all salespeople in London with commission above 0.12

c) All salespeople either in Barcelona or in London

d) All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded). e) All customers excluding those with rating <= 100 unless they are located in Rome

create database market;

use market;

create table salseperson

(PK\_Sname varchar(30), SNAME VARCHAR(30), CITY VARCHAR(30), COMM float);

insert into salseperson

values('1001','Peel','London','0.12'),

('1002','Serres','San Jose','0.13'),

('1004','Monika','London','0.11'),

('1007','Rafkin','Barcelona','0.15'),

('1003','Axelrod','New York','0.10');

use market;

create table customer

(Pks\_name varchar(30),CNAME varchar(30),CITY varchar(30),RATING INT ,FKs\_no int);

insert into customer

values('201','Hoffman','London','100','1001'),

('202','Giovanne','Roe','200','1003'),

('203','Liu','San joes','300','1002'),

('204','Grass','Barcelona','100','1002'),

('206','Clemens','London','300','1007'),

('207','Pereria','Roe','100','1004');

select \* from customer where FKs\_no>1003;

select \* from salseperson where city="London" or city="Barcelona";

select \* from salseperson where COMM like 0.11;

select \* from customer where RATING<=100 and CITY="Roe";