Assignment 3

1. SQL Queries - all types of Join, Sub-Query and View: Write at least 10 SQL queries for suitable database application using SQL DML statements. e. f. Note: Instructor will design the queries which demonstrate the use of concepts like all types of Join, Sub-Query and View

create table \_master(product\_no int,description varchar(20),profit\_per float,unit\_measure varchar(10),quantity int,reorder int,sell\_price float,cost\_price float,primary key(product\_no));

create table customer(cust\_no int,cust\_name varchar(20),cust\_add varchar(20),phone\_no int,primary key(cust\_no));

create table capital(cap\_no int,cap\_name varchar(20),state\_no int,primary key(cap\_no));

create table state(state\_no int,state\_name varchar(20),state\_code int,capital varchar(20),primary key(state\_no));

insert into capital values('01','MH','01');

insert into capital values('02','RAJ','02');

insert into capital values('03','GOA','03');

insert into capital values('04','GUJ','04');

insert into capital values('05','KAR','05');

insert into state values('01','MH','01','MUM');

insert into state values('02','RAJ','02','JAI');

insert into state values('03','GOA','03','PAN');

insert into state values('04','GUJ','04','SUR');

insert into state values('05','KAR','05','BAN');

select \* from capital;

select \* from state;

select capital.cap\_no, state.state\_no from capital inner join state on capital.cap\_no=state.state\_no;

UPDATE state SET state\_no="78" where state\_no='1';

UPDATE state SET state\_no="58" where state\_no='2';

UPDATE state SET state\_no="46" where state\_no='3';

UPDATE state SET state\_no="489" where state\_no='4';

UPDATE state SET state\_no="458" where state\_no='5';

insert into state values('05','MP','05','BHO');

select capital.cap\_no, state.state\_no from capital inner join state on capital.cap\_no=state.state\_no;

select capital.cap\_no, state.state\_no from capital left join state on capital.cap\_no=state.state\_no;

select capital.cap\_no, state.state\_no from capital left join state on capital.cap\_no=state.state\_name;

select capital.cap\_no, state.state\_no from capital right join state on capital.cap\_no=state.state\_no;

select \* from capital;

select \* from state;

select capital.cap\_no, state.state\_no from capital inner join state on capital.cap\_no=state.state\_no;

select capital.cap\_no,capital.cap\_name,state.capital,state.state\_no from capital inner join state on capital.cap\_no=state.state\_no;

select capital.cap\_no,capital.cap\_name,state.capital,state.state\_no from capital left join state on capital.cap\_no=state.state\_no;

select capital.cap\_no,capital.cap\_name,state.capital,state.state\_no from capital right join state on capital.cap\_no=state.state\_no;

select capital.cap\_no,capital.cap\_name,state.capital,state.state\_no from capital left join state on capital.cap\_no=state.state\_no union select

capital.cap\_no,capital.cap\_name,state.capital,state.state\_no from capital right join state on capital.cap\_no=state.state\_no;

select \* from capital c1, state s1 where c1.cap\_no=s1.state\_no;

select \* from capital c1, state s1 where c1.cap\_no! =s1.state\_no;

select \* from state where state\_no=(select state\_no from state where state\_name='MH');

select \* from state where state\_no=(select state\_no from state where state\_name='GUJ');