**SRB DATABASE**

**Sailors,boats,reserves table creation:**

create table sailors(sid number(3) primary key,sname varchar2(20) not null,rating number(3),age number(3));

create table boats(bid number(4) primary key,bname varchar2(15) not null,color varchar2(15));

create table reserves(sid number(3) references sailors,bid number(3) references boats,day date);

**INSERTION OF DATA**

**Sailors:**

insert into sailors values(22,'dustin',7,45);

insert into sailors values(29,'brutus',1,33);

insert into sailors values(31,'brutus',8,55.5);

insert into sailors values(32,'andy',8,25.5);

insert into sailors values(58,'rusty',10,35);

insert into sailors values(64,'horatio',7,35);

insert into sailors values(71,'zorba',10,16);

insert into sailors values(74,'horatio',9,40);

insert into sailors values(85,'art',3,25.5);

insert into sailors values(95,'bob',3,63.5);

**Boats:**

insert into boats values(101,'interlake','blue');

insert into boats values(102,'interlake','red');

insert into boats values(103,'clipper','green');

insert into boats values(104,'marine','red');

**Reserves:**

insert into reserves values(22,101,'10-oct-2008');

insert into reserves values(22,102,'10-oct-2008');

insert into reserves values(22,103,'08-oct-2008');

insert into reserves values(22,104,'07-oct-2008');

insert into reserves values(31,102,'10-nov-2008');

insert into reserves values(31,103,'06-nov-2008');

insert into reserves values(31,104,'12-nov-2008');

insert into reserves values(64,101,'5-sep-2008');

insert into reserves values(64,102,'8-sep-2008');

insert into reserves values(74,103,'8-sep-2008');

**PROGRAMMERS DATABASE**

**Table creation for programmer,studies,software**

create table programmer(pname varchar2(20) primary key,dob date not null,doj date not null,gender char(1) not null,prof1 varchar2(10),prof2 varchar2(10),salary number(7,2) not null);

create table studies(pname varchar2(20) references programmer,splace varchar2(20) not null,course varchar2(20) not null,cost number(5));

create table software(pname varchar2(20) references programmer,title varchar2(25) not null,dev\_d varchar2(10) not null,scost number(10,2) not null,dcost number(10,2) not null,sold number(4));

**INSERTION OF DATA:**

**Programmer:**

insert into programmer values('anand','21-apr-66','21-apr-92','m','pascal','basic',3200);

insert into programmer values('altaf','02-jul-64','13-nov-90','m','fortran','cobol',2800);

insert into programmer values('juliana','31-jan-68','21-apr-90','f','cobol','dbase',3000);

insert into programmer values('tulasi','30-oct-68','02-jan-92','f','c','dbase',2900);

insert into programmer values('mary','24-jun-70','01-feb-91','f','c++','oracle',4500);

insert into programmer values('nelson','14-sep-65','11-oct-89','m','cobol','dbase',2500);

insert into programmer values('patrick','11-nov-65','21-apr-90','m','pascal','fortran',2800);

insert into programmer values('qadir','30-aug-65','21-apr-91','m','assembly','c',3000);

insert into programmer values('ramesh','08-may-67','28-feb-91','m','pascal','dbase',3200);

insert into programmer values('rebacca','04-jan-67','01-dec-90','f','basic','cobol',2500);

insert into programmer values('remitha','19-apr-70','20-apr-93','f','c','assembly',3600);

insert into programmer values('revathi','02-dec-69','02-jan-92','f','pascal','basic',3700);

insert into programmer values('vijaya','11-dec-65','02-may-92','f','foxpro','c',3500);

**Studies:**

insert into studies values('anand','sabhari','pgdca',4500);

insert into studies values('altaf','cbit','dca',7200);

insert into studies values('juliana','bits','mca',22000);

insert into studies values('tulasi','pragathi','dcp',5000);

insert into studies values('mary','sabhari','pgdca',4500);

insert into studies values('nelson','pragathi','dap',6200);

insert into studies values('patrick','pragathi','dcap',5200);

insert into studies values('qadir','apple','hdcp',14000);

insert into studies values('ramesh','sabhari','pgdca',4500);

insert into studies values('rebacca','brilliant','dca&p',11000);

insert into studies values('remitha','bdps','dcs',5000);

insert into studies values('revathi','sabhari','dap',5000);

insert into studies values('vijaya','bdps','dca',48000);

**Software:**

insert into software values('anand','pharachutes','basic','399.95',6000,43);

insert into software values('anand','video titling pack','pascal','7500.00',16000,9);

insert into software values('juliana','inventory control','cobol',3000,3500,0);

insert into software values('tulasi','payroll package','dbase',9000,20000,7);

insert into software values('mary','financial acc s/w','oracle',18000,85000,4);

insert into software values('mary','code generation','c',4500,20000,23);

insert into software values('patrick','read me','c++',300,1200,84);

insert into software values('qadir','bombs away','assembly',750,5000,11);

insert into software values('qadir','vaccines','c',1900,3400,21);

insert into software values('ramesh','hotel management','dbase',12000,35000,4);

insert into software values('ramesh','dead lee','pascal','599.95',4500,73);

insert into software values('remitha','pc utilities','c',725,5000,51);

insert into software values('remitha','tsr help package','assembly',2500,6000,6);

insert into software values('revathi','hospital management','pascal',1100,75000,2);

insert into software values('revathi','quiz master','basic',3200,2100,15);

insert into software values('vijaya','isr editor','c',900,700,6);

**EMPLOYEE DATABASE**

**Table creation for emp,dept,salgrade:**

**INSERTION OF DATA:**

**DEPT table:**

insert into dept values(10,'accounting','new york');

insert into dept values(20,'research','dallas');

insert into dept values(30,'sales','chicago');

insert into dept values(40,'operations','boston');

**EMP TABLE:**

insert into emp values(7369,'smith','clerk',7902,'17-dec-80',800,'null',20);

insert into emp values(7499,'allen','salesman',7698,'20-feb-81',1600,300,30);

insert into emp values(7521,'ward','salesman',7698,'22-feb-81',1250,500,30);

insert into emp values(7566,'jim','manager',7839,'02-apr-81',2975,'null',20);

insert into emp values(7654,'martin','salesman',7698,'28-sep-81',1250,1400,30);

insert into emp values(7698,'blake','manager',7839,'01-may-81',2850,'null',30);

insert into emp values(7782,'clark','manager',7839,'09-jun-81',2450,'null',10);

insert into emp values(7788,'scott','analyst',7566,'19-apr-87',3000,'null',20);

insert into emp values(7839,'jack','president','null','17-nov-81',5000,'null',10);

insert into emp values(7844,'turner','salesman',7698,'08-sep-81',1500,0,30);

insert into emp values(7876,'adams','clerk',7788,'23-may-87',1100,'null',20);

insert into emp values(7900,'james','clerk',7698,'03-dec-81',950,'null',30);

insert into emp values(7902,'ford','analyst',7566,'03-dec-81',3000,'null',20);

insert into emp values(7934,'miller','clerk',7782,'23-jan-82',1300,'null',10);

**SALGRADE TABLE:**

insert into salgrade values(1,700,1200);

insert into salgrade values(2,1201,1400);

insert into salgrade values(3,1401,2000);

insert into salgrade values(4,2001,3000);

insert into salgrade values(5,3001,9999);