create user s identified by 2000;

grant dba to s;

create table Student(

snum int,

sname varchar(30),

major varchar(30),

age int,

ivl varchar(30),

PRIMARY KEY(snum)

);

select \* from student;

create table class(

cname varchar(30),

meetsAt timestamp,

room varchar(20),

fid int,

PRIMARY KEY(cname),

FOREIGN KEY (fid) REFERENCES faculty(fid)

);

create table enrolled(

snum int,

cname varchar(30),

FOREIGN KEY (snum) REFERENCES student(snum),

FOREIGN KEY (cname) REFERENCES class(cname)

);

create table faculty(

fid int,

fname varchar(30),

deptid int,

PRIMARY KEY(fid)

);

select \* from faculty;

insert into student values(1,'vyshnavi','CSE',19,'mr');

insert into student values(2,'snehita','CSE',20,'mr');

update student set ivl='jr' where ivl='mr';

insert into student values(3,'trishala','CSE',20,'jr');

select \* from student;

insert into student values(4,'suraj','ISE',20,'sr');

insert into student values(5,'sumanth','ISE',19,'fr');

insert into student values(6,'arha','ESE',19,'so');

select \* from CLASS;

insert into faculty values('101','sumalatha',10);

insert into faculty values('102','sandhya',10);

insert into faculty values('103','veena',10);

insert into faculty values('104','nandini',10);

insert into faculty values('105','kavitha',9);

alter session set nls\_timestamp\_format='HH24:MI:SS';

insert into class values('4a','10:20:12','401',101);

insert into class values('4b','10:20:12','402',102);

insert into class values('4c','10:21:12','403',103);

insert into class values('4d','10:22:12','403',104);

insert into class values('4e','10:23:12','403',105);

select \* from enrolled;

insert into enrolled values(1,'4a');

insert into enrolled values(2,'4b');

insert into enrolled values(3,'4c');

insert into enrolled values(4,'4a');

insert into enrolled values(5,'4b');

insert into enrolled values(6,'4c');

select sname from student,faculty,enrolled,class where student.snum=enrolled.snum and class.cname=enrolled.cname and faculty.fid=class.fid and faculty.fname='nandini';

select cname from student,enrolled,class where class.cname=enrolled.cname and student.snum=enrolled.snum and room='401';

