DBMS

LAB ASSIGNMENT - 5



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2CO14

1. **Create table emp which has the following attributes (employee table) (@empno, ename, job, sal, deptno) Where empno is primary key, ename is unique, job in (Prof, AP, and Lect), sal is not NULL, and deptno is foreign key**

create table emp(

empno number primary key,

ename varchar2(20) unique,

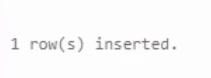
job varchar2(20) check(job in ('Prof', 'AP', 'Lect')),

sal number not null,

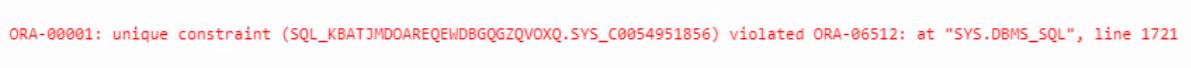
deptno number references dept(deptno));

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insert into emp values(1,'Paridhi','Prof',29000,1);



insert into emp values(2,'Paridhi','Lect',4500,1);



insert into emp values(3,'anurag','teacher',34000,2);



insert into emp values(5,'Nishima','Prof',null,1);



insert into emp values(4,'Poonam','AP',34000,9);



1. **Create table dept which has the following attributes (department table) (@deptno, dname) Where deptno is primary key, dname in (Acc, comp, elect)**

create table dept(

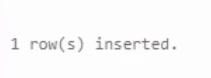
deptno number primary key,

dname varchar2(20) check(dname in ('Acc', 'comp', 'elect'))

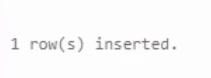
);

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insert into dept values(1,'comp');



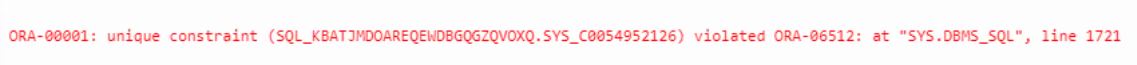
insert into dept values(2,'elect');



insert into dept values(3,'Mechanical');



insert into dept values(2,'Acc');



insert into dept values('','Comp');



1. **Create table S which has the following attributes (Salesperson table) (@sno, sname, city) Where sno is primary key**

create table S(

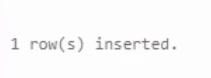
sno number primary key,

sname varchar2(20),

city varchar2(20));

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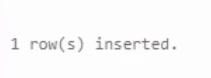
insert into S values(1,'Dhruv','Chandigarh');



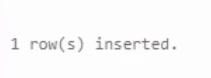
insert into S values(1,'Ananya','Barielly');



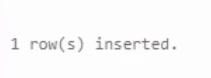
insert into S values(2,'An','Moradabad');



insert into S values(3,'Ana','Delhi');



insert into S values(4,'Anna','Mumbai');



1. **Create table P which has the following attributes (Part table) (@pno, pname, color) Where pno is primary key**

create table P(

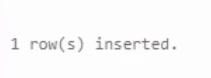
pno number primary key,

pname varchar2(20),

color varchar2(20));

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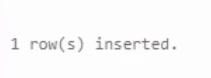
insert into P values(1,'Dharam','Pink');



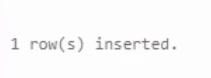
insert into P values(1,'Ananya','orange');



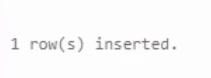
insert into P values(2,'An','Red');



insert into P values(3,'Ana','blue');



insert into P values(4,'Anna','white');



1. **Create table J which has the following attributes (ProJect table) (@jno, jname, city) Where jno is primary key**

create table J(

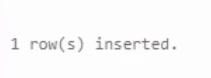
jno number primary key,

jname varchar2(20),

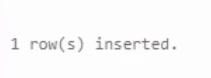
city varchar2(20));

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insert into J values(1,'Bhavna','Chandigarh');



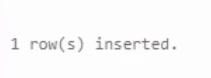
insert into J values(2,'An','Moradabad');



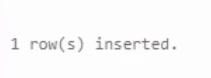
insert into J values(2,'Ananya','Barielly');

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insert into J values(3,'Ana','Delhi');



insert into J values(4,'Anna','Mumbai');



1. **Create table SPJ which has the following attributes (@ (sno, pno, jno), qty) Where combination of (sno, pno, jno) is primary key, also sno, pno, jno are foreign keys**

create table SPJ(

sno number,

pno number,

jno number,

qty number(4,2),

constraint combined primary key (sno, pno, jno),

constraint fk\_sno foreign key(sno) references S(sno),

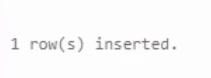
constraint fk\_jno foreign key(jno) references J(jno),

constraint fk\_pno foreign key(pno) references P(pno)

);

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insert into SPJ values(1,2,3,4.5);



insert into SPJ values(1,2,3,6.5);



insert into SPJ values(1,20,3,4.5);



insert into SPJ values(4,3,78,4.5);

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insert into SPJ values(90,2,3,4.5);

