**LAB ASSIGNMENT-4**

**2022503003**

**1.SWIGGY:**

**A.CREATING ENTITY CUSTOMER:**

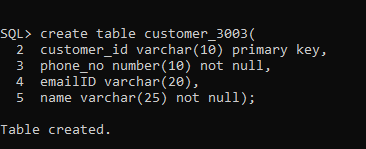
create table customer\_3003(

customer\_id varchar(10) primary key,

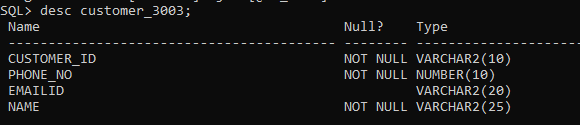
phone\_no number(10) not null,

emailID varchar(20),

name varchar(25) not null);



Desc customer\_3003;



**B.CREATING ENTITY ORDER:**

create table order\_3003(

order\_date date not null,

name varchar2(20) not null,

uniqueorderID varchar(10) primary key,

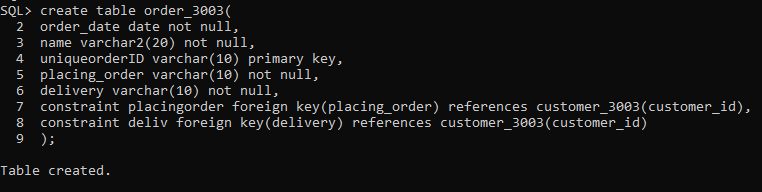
placing\_order varchar(10) not null,

delivery varchar(10) not null,

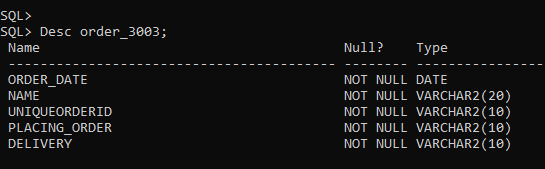
constraint placingorder foreign key(placing\_order) references customer\_3003(customer\_id),

constraint deliv foreign key(delivery) references customer\_3003(customer\_id)

);



Desc order\_3003;



**C.CREATING ENTITY RESTAURANT:**

create table restaurant\_3003(

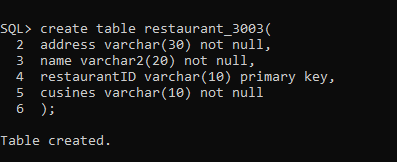
address varchar(30) not null,

name varchar2(20) not null,

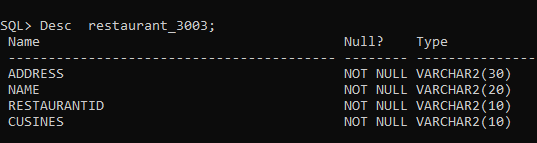
restaurantID varchar(10) primary key,

cusines varchar(10) not null

);



Desc restaurant\_3003;



**D.CREATING ENTITY ITEM:**

create table item\_3003(

description varchar(30) not null,

name varchar2(20) not null,

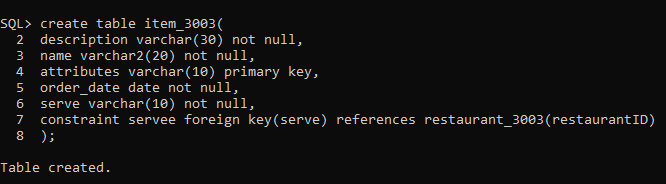
attributes varchar(10) primary key,

order\_date date not null,

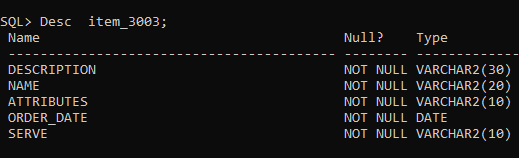
serve varchar(10) not null,

constraint servee foreign key(serve) references restaurant\_3003(restaurantID)

);



Desc item\_3003;



**E.CREATING RELATIONSHIP COUNT OF ORDER:**

create table corder\_3003(

orderID varchar(10) not null,

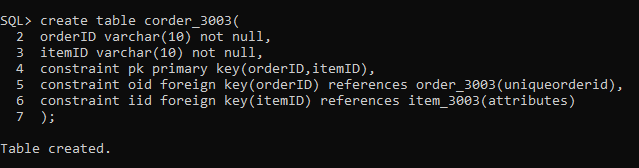
itemID varchar(10) not null,

constraint pk primary key(orderID,itemID),

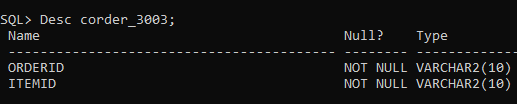
constraint oid foreign key(orderID) references order\_3003(uniqueorderid),

constraint iid foreign key(itemID) references item\_3003(attributes)

);



Desc corder\_3003;



**2.STUDENTS:**

**A.CREATING ENTITY DEPARTMENT:**

create table departments\_3003(

department\_name varchar(25) primary key,

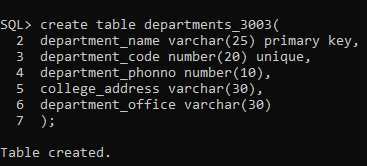
department\_code number(20) unique,

department\_phonno number(10),

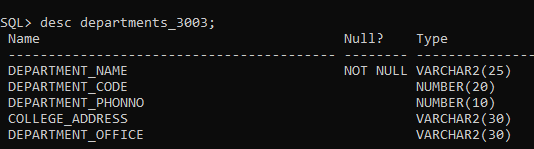
college\_address varchar(30),

department\_office varchar(30)

);



Desc students\_3003;



**B.CREATING ENTITY STUDENTS:**

create table students\_3003(

class varchar(10),

sex char(1) not null,

firstname varchar(20),

lastname varchar(20),

middlename varchar(20),

student\_number number(15) primary key,

ssn number(20) unique,

street\_address varchar(10),

city varchar(5),

state varchar(5),

pin\_code varchar(5),

phone number(20) unique,

degreeprogram varchar(20),

parent\_phonno number(10),

parent\_addres varchar(30),

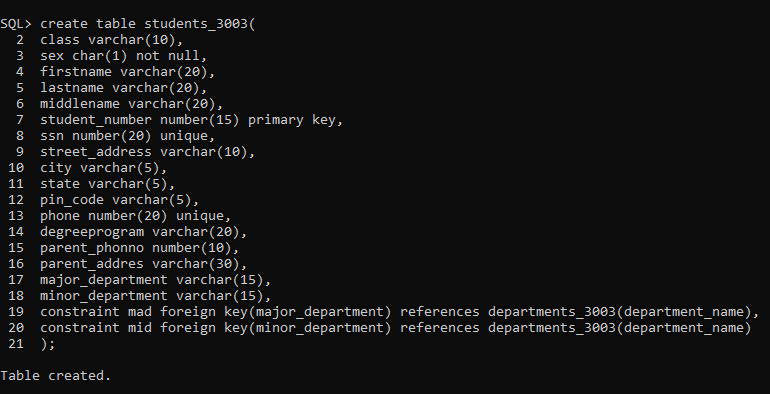
major\_department varchar(15),

minor\_department varchar(15),

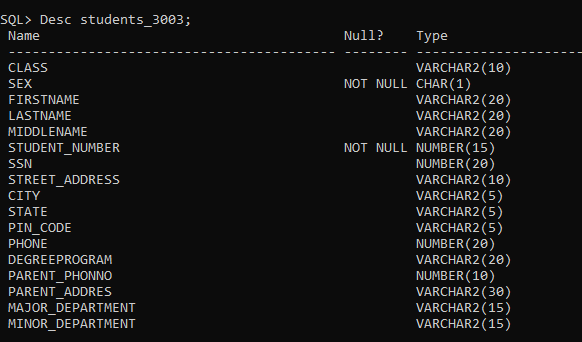
constraint mad foreign key(major\_department) references departments\_3003(department\_name),

constraint mid foreign key(minor\_department) references departments\_3003(department\_name)

);



Desc departments\_3003;



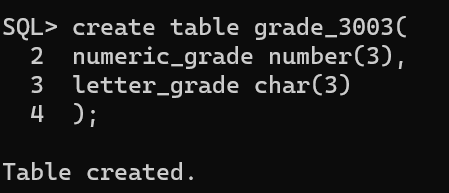
**C.CREATING ENTITY GRADE:**

create table grade\_3003(

numeric\_grade number(3),

letter\_grade char(3)

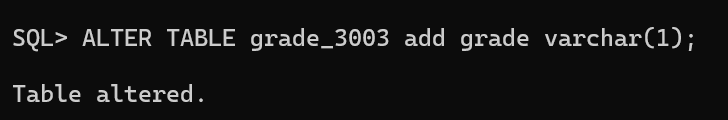
);



Desc grade\_3003;



ALTER TABLE grade\_3003 add grade varchar(1);



**D.CREATING WEAK ENTITY SECTION:**

create table section\_3003(

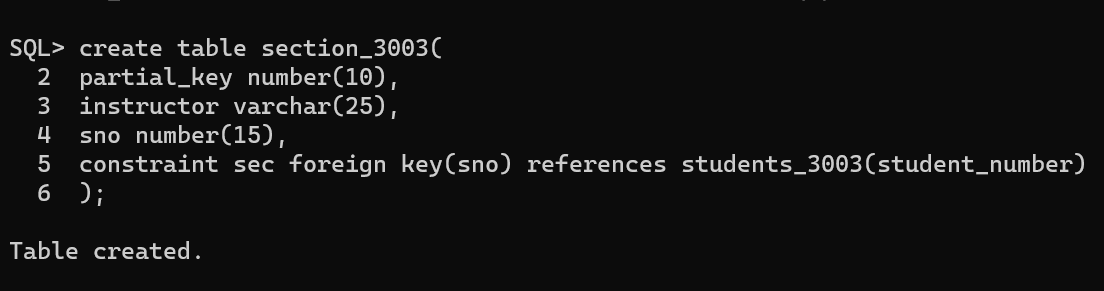
partial\_key number(10),

instructor varchar(25),

sno number(15),

constraint sec foreign key(sno) references students\_3003(student\_number)

);



Desc section\_3003;



**E.CREATING ATTRIBUTE PARTIAL KEY:**

create table partial\_key\_3003(

snumber number(10),

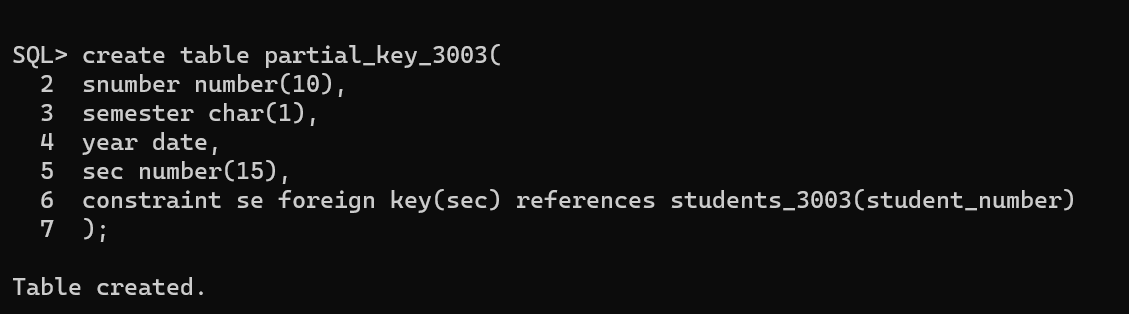
semester char(1),

year date,

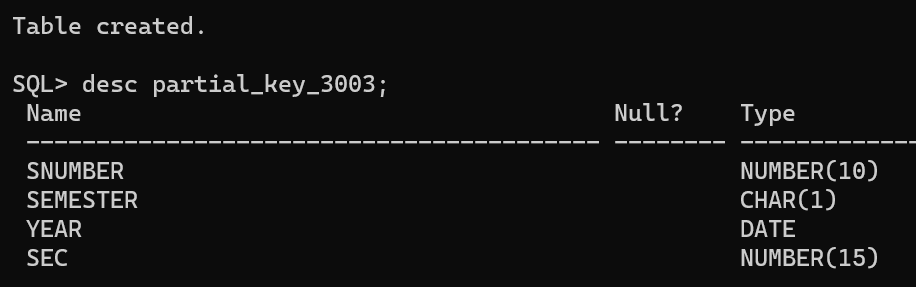
sec number(15),

constraint se foreign key(sec) references students\_3003(student\_number)

);



DESC partial\_key\_3003;



**F.CREATING ENTITY DEPARTMENT:**

create table courses\_3003(

semester\_hours number(10),

course\_name varchar(10),

description varchar(15),

course\_number number(10) primary key,

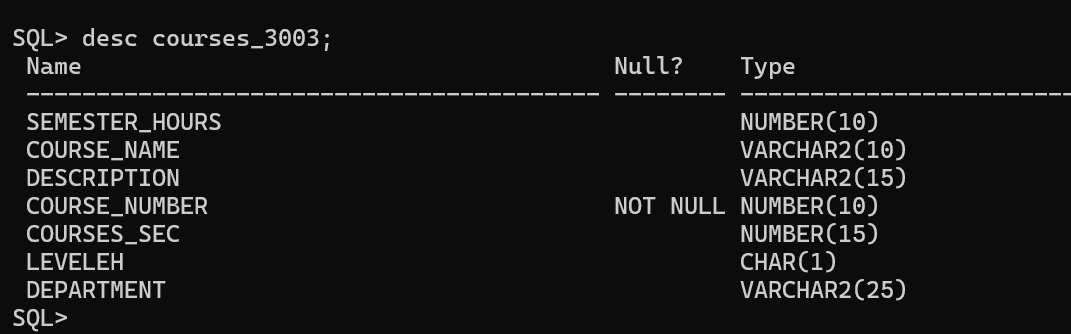
courses\_sec number(15),

leveleh char(1),

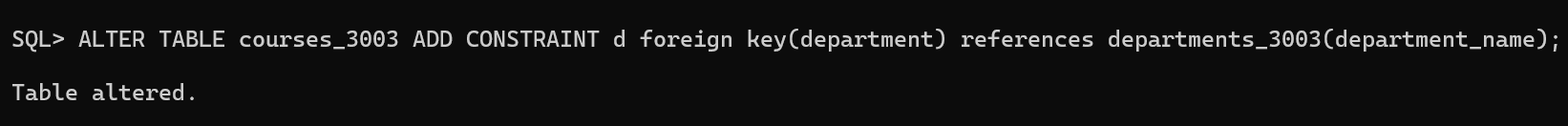
constraint std foreign key(courses\_sec) references students\_3003(student\_number)

);

Desc courses\_3003;



ALTER TABLE courses\_3003 ADD CONSTRAINT d foreign key(department) references departments\_3003(department\_name);



**G.CREATING RELATIONSHIP STUDENT\_SEC:**

create table STUD\_SEC\_3003(

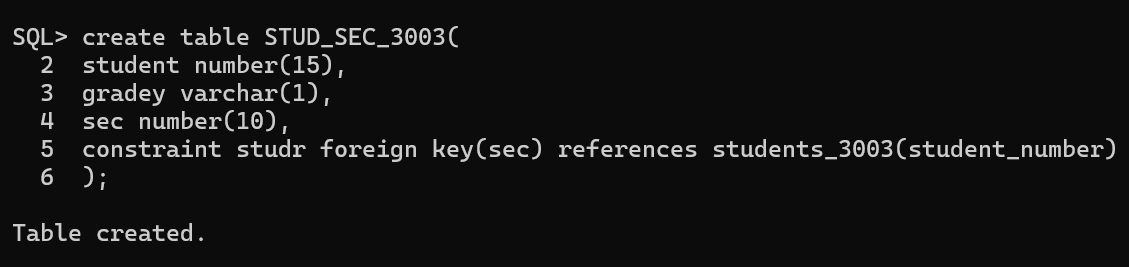
student number(15),

gradey varchar(1),

sec number(10),

constraint studr foreign key(sec) references students\_3003(student\_number)

);



**3.EMPLOYEE**

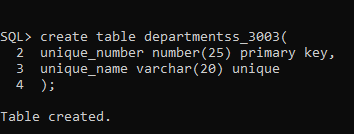
**A.CREATING ENTITY EMPLOYEE:**

create table departmentss\_3003(

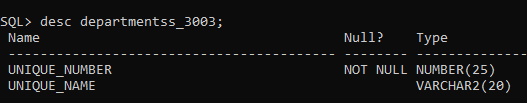
unique\_number number(25) primary key,

unique\_name varchar(20) unique

);

****

desc departmentss\_3003;



**B.CREATING WEAK ATTRIBUTE IN DEPARTMENT:**

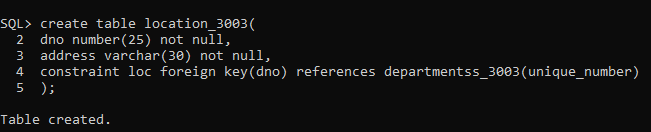
create table location\_3003(

dno number(25) not null,

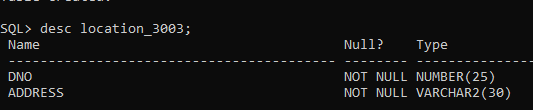
address varchar(30) not null,

constraint loc foreign key(dno) references departmentss\_3003(unique\_number)

);



desc location\_3003;



**C.CREATING ENTITY PROJECT:**

create table project\_3003(

unique\_name varchar(25) primary key,

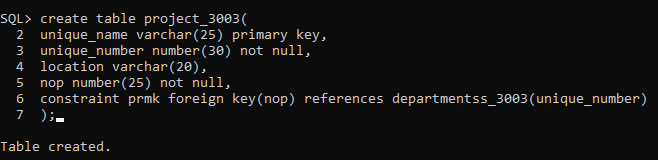
unique\_number number(30) not null,

location varchar(20),

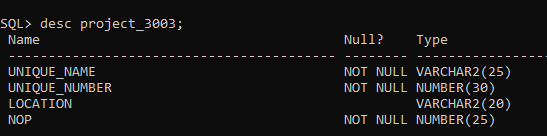
nop number(25) not null,

constraint prmk foreign key(nop) references departmentss\_3003(unique\_number)

);



desc project\_3003;



**D.CREATING ENTITY EMPLOYEE:**

create table emp\_3003(

name varchar(25) primary key,

bday date not null,

gender char(1),

ssn number(25) unique,

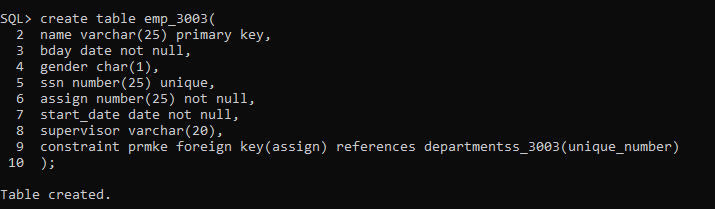
assign number(25) not null,

start\_date date not null,

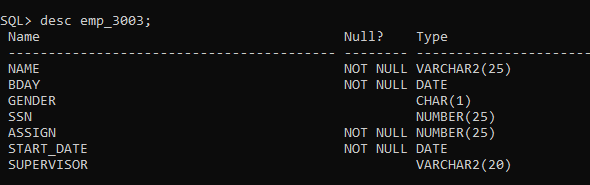
supervisor varchar(20),

constraint prmke foreign key(assign) references departmentss\_3003(unique\_number)

);



desc emp\_3003;



**E.CREATING RELATION WORK:**

create table work\_3003(

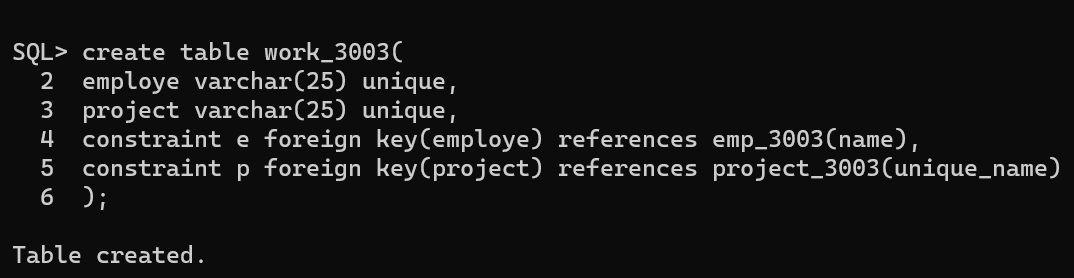
employe varchar(25) unique,

project varchar(25) unique,

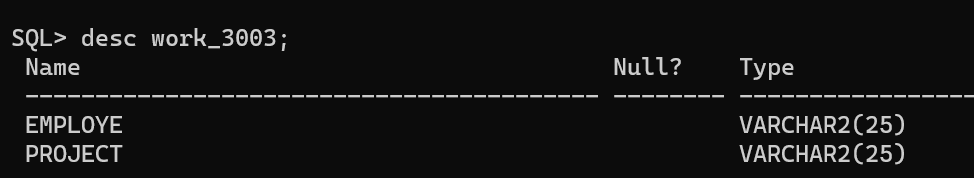
constraint e foreign key(employe) references emp\_3003(name),

constraint p foreign key(project) references project\_3003(unique\_name)

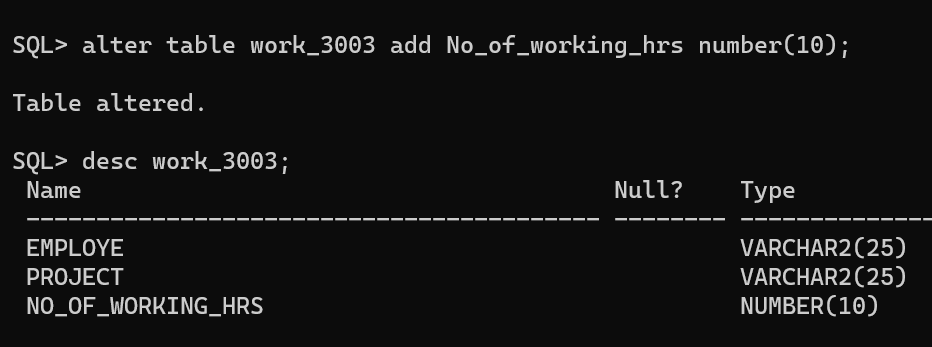
);



desc work\_3003;

alter table work\_3003 add No\_of\_working\_hrs number(10);

desc work\_3003;



**F.CREATING ENTITY DEPENDENCE:**

create table dependance\_3003(

dob date,

sex char(1),

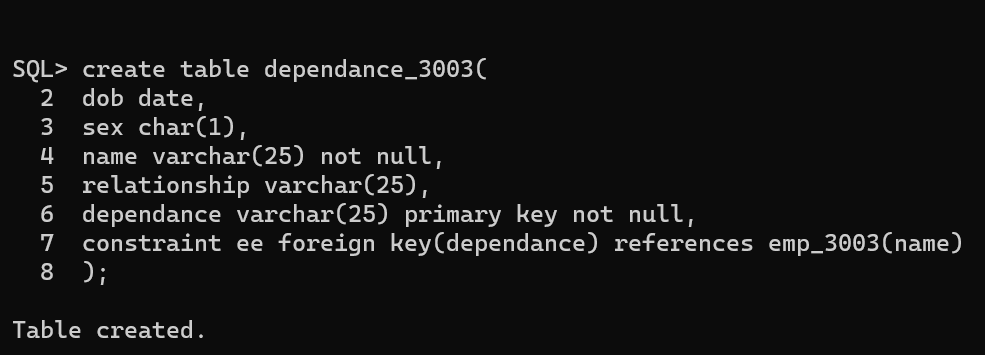
name varchar(25) not null,

relationship varchar(25),

dependance varchar(25) primary key not null,

constraint ee foreign key(dependance) references emp\_3003(name)

);



desc dependance\_3003;

