🡪Create table Department

(deptname varchar(50),

deptfloor int,

deptphone varchar(20),

Primary Key(deptname),

mgrId int);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Management',5,'34',1);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Books ',1,'81',4);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Clothes',2,'24',4);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Equipment',3,'57',3);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('furniture',4,'14',3);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Navigation',1,'41',3);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Recreation',2,'29',4);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Accounting',5,'35',5);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('purchasing',5,'36',7);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('personnel',5,'37',9);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Marketing',5,'38',2);

insert into Department(deptname,deptfloor,deptphone,mgrId) values('Books',1,'81',4);

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🡪Create table Emp

( empno int Generated Always AS IDENTITY,

empname varchar(50) Not NULL,

salary varchar(20),

departname varchar(50),

bossno int Null);

insert into Emp(empname,salary,departname) values('ALICE','75000','Management');

insert into Emp(empname,salary,departname,bossno) values('Ned','45000','Marketing',1);

insert into Emp(empname,salary,departname,bossno) values('Andrew','25000','Marketing',2);

insert into Emp(empname,salary,departname,bossno) values('Clare','22000','Marketing',2);

insert into Emp(empname,salary,departname,bossno) values('Todd','38000','Accounting',1);

insert into Emp(empname,salary,departname,bossno) values('Nancy','22000','Accounting',5);

insert into Emp(empname,salary,departname,bossno) values('Brier','43000','Purchasing',1);

insert into Emp(empname,salary,departname,bossno) values('Sarah','56000','Purchasing',7);

insert into Emp(empname,salary,departname,bossno) values('Sophile','35000','personnel',1);

insert into Emp(empname,salary,departname,bossno) values('Sanjay','15000','Navigation',3);

insert into Emp(empname,salary,departname,bossno) values('rita','15000','Books',4);

insert into Emp(empname,salary,departname,bossno) values('Gigi','16000','Clothes',4);

insert into Emp(empname,salary,departname,bossno) values('Maggie','11000','Clothes',4);

insert into Emp(empname,salary,departname,bossno) values('Paul','15000','Equipment',3);

insert into Emp(empname,salary,departname,bossno) values('James','15000','Equipment',3);

insert into Emp(empname,salary,departname,bossno) values('Pat','15000','Furniture',3);

insert into Emp(empname,salary,departname,bossno) values('Mark','15000','Recreation',3);

🡪alter table emp

add constraint fk\_deptname Foreign key(departname) references Department(deptname);

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🡪create table SALES

(salesno int,

saleqty int,

itemname varchar(50) Not Null,

deptname varchar(50),

primary key(salesno),

constraint fk\_deptname Foreign key(deptname) references Department(deptname));

insert into sales(salesno,saleqty,itemname,deptname) values(101,2,'Boots-snake proof','Clothes');

insert into sales(salesno,saleqty,itemname,deptname) values(102,1,'Pith Helmet','Clothes');

insert into sales(salesno,saleqty,itemname,deptname) values(103,1,'Sextant','Navigation');

insert into sales(salesno,saleqty,itemname,deptname) values(104,3,'Hat-polar Explorer','Clothes');

insert into sales(salesno,saleqty,itemname,deptname) values(105,5,'Pith Helmet','Equipment');

insert into sales(salesno,saleqty,itemname,deptname) values(106,2,'Pocket Knife-nile','Clothes');

insert into sales(salesno,saleqty,itemname,deptname) values(107,3,'Pocket Knife-nile','Recreation');

insert into sales(salesno,saleqty,itemname,deptname) values(108,2,'Compass','Navigation');

insert into sales(salesno,saleqty,itemname,deptname) values(109,5,'Geo positioning','Navigation');

insert into sales(salesno,saleqty,itemname,deptname) values(110,2,'Map Measure','Navigation');

insert into sales(salesno,saleqty,itemname,deptname) values(111,1,'Came1 saddle','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(112,1,'Sextant','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(113,3,'Pocket Knife-nile','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(114,1,'Pocket Knife-nile','Navigation');

insert into sales(salesno,saleqty,itemname,deptname) values(115,1,'Pocket Knife-nile','Equipment');

insert into sales(salesno,saleqty,itemname,deptname) values(116,1,'Sextant','Equipment');

insert into sales(salesno,saleqty,itemname,deptname) values(117,1,'Sextant','Recreation');

insert into sales(salesno,saleqty,itemname,deptname) values(118,1,'Sextant','Furniture');

insert into sales(salesno,saleqty,itemname,deptname) values(119,1,'Sextant','Recreation');

insert into sales(salesno,saleqty,itemname,deptname) values(120,1,'Pocket Knife-nile','Furniture');

insert into sales(salesno,saleqty,itemname,deptname) values(121,1,'exploring in 10 easy lessons','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(122,1,'How to win foreign friends','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(123,1,'Compress','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(124,1,'Pith Helmet','Books');

insert into sales(salesno,saleqty,itemname,deptname) values(125,1,'Elephant polo stick','Recreation');

insert into sales(salesno,saleqty,itemname,deptname) values(126,1,'Came1 saddle','Recreation');

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ITEM TABLE:

create table item

(itemname varchar(50),

itemtype varchar(10),

itemcolor varchar(20) NULL,

Primary key(itemname));

insert into item(itemname,itemtype,itemcolor) values('Pocket Knife-nile','E','brown');

insert into item(itemname,itemtype,itemcolor) values('Pocket Knife-Avon','E','brown');

insert into item(itemname,itemtype) values('Compass','N');

insert into item(itemname,itemtype) values('Geo positioning system','N');

insert into item(itemname,itemtype,itemcolor) values('Elephant Polo Stick','R','Banboo');

insert into item(itemname,itemtype,itemcolor) values('Came1 saddle','R','brown');

insert into item(itemname,itemtype) values('Sextant','N');

insert into item(itemname,itemtype) values('Map Measure','N');

insert into item(itemname,itemtype,itemcolor) values('Boots-snake proof','C','Green');

insert into item(itemname,itemtype,itemcolor) values('Pith Helmet','C','Khaki');

insert into item(itemname,itemtype,itemcolor) values('Hat-polar Explorer','C','White');

insert into item(itemname,itemtype) values('exploring in 10 easy lessons','B');

insert into item(itemname,itemtype,itemcolor) values('Hammock','F','Khaki');

insert into item(itemname,itemtype) values('How to win foreign friends','B');

insert into item(itemname,itemtype,itemcolor) values('Map Case','E','Brown');

insert into item(itemname,itemtype,itemcolor) values('Safari Chair','F','Khaki');

insert into item(itemname,itemtype,itemcolor) values('Safari cooking kit','F','Khaki');

insert into item(itemname,itemtype,itemcolor) values('Stetson','C','Black');

insert into item(itemname,itemtype,itemcolor) values('Tent-2 person','F','Khaki');

insert into item(itemname,itemtype,itemcolor) values('Tent-8 person','F','Khaki');

🡪alter table sales

add constraint fk\_itemname Foreign key(itemname) references item(itemname);

