use master

create database dbQuestion17012022

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create table ITEM

(

itemname varchar(50) primary key,

itemtype varchar(1),

itemcolor varchar(20)

)

create table EMP

(

empno int identity(1,1) primary key,

empname varchar(50),

salary int,

deptname varchar(30) null references DEPARTMENT(deptname),

bossno int null references EMP(empno)

)

create table DEPARTMENT

(

deptname varchar(50) primary key,

deptfloor int,

deptphone int,

mgrid int not null references EMP(empno)

)

alter table EMP

add deptname varchar(50) null references DEPARTMENT(deptname)

create table SALES

(

salesno int identity(101,1) primary key,

saleqty int,

itemname varchar(50) null references ITEM(itemname),

deptname varchar(50) null references DEPARTMENT(deptname)

)

insert into ITEM values('Pocket Knife-Nile','E','Brown')

insert into ITEM values('Pocket Knife-Avon','E','Brown')

insert into ITEM values('Compass','N','--')

insert into ITEM values('Geo positioning system','N','--')

insert into ITEM values('Elephant Polo stick','R','Bamboo')

insert into ITEM values('Camel Saddle','R','Brown')

insert into ITEM values('Sextant','N','--')

insert into ITEM values('Map Measure','N','--')

insert into ITEM values('Boots-snake proof','C','Green')

insert into ITEM values('Pith Helmet','C','Khaki')

insert into ITEM values('Hat-polar Explorer','C','White')

insert into ITEM values('Exploring in 10 Easy Lessons','B','--')

insert into ITEM values('Hammock','F','Khaki')

insert into ITEM values('How to win Foreign Friends','B','--')

insert into ITEM values('Map case','E','Brown')

insert into ITEM values('Safari Chair','F','Khaki')

insert into ITEM values('Safari cooking kit','F','Khaki')

insert into ITEM values('Stetson','C','Black')

insert into ITEM values('Tent - 2 person','F','Khaki')

insert into ITEM values('Tent - 8 person','F','Khaki')

insert into EMP(empname,salary) values('Alice',75000)

select \* from EMP

select \* from DEPARTMENT

insert into DEPARTMENT values('Management',5,34,1)

insert into EMP(empname,salary,bossno) values('Ned',45000,1)

insert into DEPARTMENT values('Marketing',5,34,1)

update EMP set deptname='Management' where empno=1

update EMP set deptname='Marketing' where empno=2

insert EMP(empname,salary,deptname,bossno) values('Andrew',25000,'Marketing',2)

insert EMP(empname,salary,deptname,bossno) values('Clare',22000,'Marketing',2)

insert EMP(empname,salary,bossno) values('Todd',38000,1)

insert into DEPARTMENT values('Accounting',5,35,5)

update EMP set deptname='Accounting' where empno=5

insert EMP(empname,salary,deptname,bossno) values('Nancy',22000,'Accounting',5)

insert EMP(empname,salary,bossno) values('Brier',43000,1)

insert into DEPARTMENT values('Purchasing',5,36,7)

update EMP set deptname='Purchasing' where empno=7

insert EMP(empname,salary,deptname,bossno) values('Sarah',56000,'Purchasing',7)

insert EMP(empname,salary,bossno) values('Sophile',35000,1)

insert into DEPARTMENT values('Personnel',5,37,9)

update EMP set deptname='Personnel' where empno=9

insert EMP(empname,salary,bossno) values('Sanjay',15000,3)

insert into DEPARTMENT values('Navigation',1,41,3)

update EMP set deptname='Navigation' where empno=10

insert into DEPARTMENT values('Books',1,81,1)

insert into DEPARTMENT values('Clothes',2,24,4)

insert into DEPARTMENT values('Equipment',3,57,3)

insert into DEPARTMENT values('Furniture',4,14,3)

insert into DEPARTMENT values('Recreation',2,29,4)

insert EMP(empname,salary,deptname,bossno) values('Rita',15000,'Books',4)

insert EMP(empname,salary,deptname,bossno) values('Gigi',16000,'Clothes',4)

insert EMP(empname,salary,deptname,bossno) values('Maggie',11000,'Clothes',4)

insert EMP(empname,salary,deptname,bossno) values('Paul',15000,'Equipment',3)

insert EMP(empname,salary,deptname,bossno) values('James',15000,'Equipment',3)

insert EMP(empname,salary,deptname,bossno) values('Pat',15000,'Furniture',3)

insert EMP(empname,salary,deptname,bossno) values('Mark',15000,'Recreation',3)

insert SALES(saleqty,itemname,deptname) values(2,'Boots-snake proof','Clothes')

insert SALES(saleqty,itemname,deptname) values(1,'Pith Helmet','Clothes')

insert SALES(saleqty,itemname,deptname) values(1,'Sextant','Navigation')

insert SALES(saleqty,itemname,deptname) values(3,'Hat-polar Explorer','Clothes')

insert SALES(saleqty,itemname,deptname) values(5,'Pith Helmet','Equipment')

insert SALES(saleqty,itemname,deptname) values(2,'Pocket Knife-Nile','Clothes')

insert SALES(saleqty,itemname,deptname) values(3,'Pocket Knife-Nile','Recreation')

insert SALES(saleqty,itemname,deptname) values(1,'Compass','Navigation')

insert SALES(saleqty,itemname,deptname) values(2,'Geo positioning system','Navigation')

insert SALES(saleqty,itemname,deptname) values(5,'Map Measure','Navigation')

insert SALES(saleqty,itemname,deptname) values(1,'Geo positioning system','Books')

insert SALES(saleqty,itemname,deptname) values(1,'Sextant','Books')

insert SALES(saleqty,itemname,deptname) values(3,'Pocket Knife-Nile','Books')

insert SALES(saleqty,itemname,deptname) values(1,'Pocket Knife-Nile','Navigation')

insert SALES(saleqty,itemname,deptname) values(1,'Pocket Knife-Nile','Equipment')

insert SALES(saleqty,itemname,deptname) values(1,'Sextant','Clothes')

insert SALES(saleqty,deptname) values(1,'Equipment')

insert SALES(saleqty,deptname) values(1,'Recreation')

insert SALES(saleqty,deptname) values(1,'Furniture')

insert SALES(saleqty,itemname) values(1,'Pocket Knife-Nile')

insert SALES(saleqty,itemname,deptname) values(1,'Exploring in 10 easy lessons','Books')

insert SALES(saleqty,itemname) values(1,'How to win foreign friends')

insert SALES(saleqty,itemname) values(1,'Compass')

insert SALES(saleqty,itemname) values(1,'Pith Helmet')

insert SALES(saleqty,itemname,deptname) values(1,'Elephant Polo stick','Recreation')

insert SALES(saleqty,itemname,deptname) values(1,'Camel Saddle','Recreation')

select \* from SALES