drop table itemPurchase;

drop table purchase;

drop table book;

drop table item;

create table item (

upc char(6),

sellingPrice float not null,

stock int not null,

taxable char(1) not null,

primary key(upc),

check(LOWER(taxable) IN ('y','n')),

check (stock>=0)

);

create table book (

upc char(6),

title varchar(50) not null,

publisher varchar(50) not null,

flag\_text char(1) not null,

primary key(upc),

foreign key(upc) references item,

check(LOWER(flag\_text) IN ('y','n'))

);

create table purchase (

t\_id char(6),

purchaseDate date not null,

totalamt float not null,

pur\_type varchar(15) not null,

cardno char(12),

cardtype varchar(12),

primary key(t\_id),

check(LOWER(pur\_type) IN ('cash','credit card')),

check(totalamt>=0)

);

create table itemPurchase (

t\_id char(6),

upc char(6),

quantity float not null,

primary key(t\_id,upc),

foreign key(t\_id) references purchase,

foreign key(upc) references item,

check(quantity>=0)

);