show databases;

use python275;

show tables;

create table logins

(

username varchar(100) primary key,

password varchar(100),

rolename varchar(100),

lastlogin datetime

);

create table CustomerInfo

(

CustomerId int(100) primary key auto\_increment,

CustomerName varchar(100),

contact varchar(15) unique key,

EmailId varchar(200) unique key,

Address varchar(100),

Points int

);

create table EmployeeInfo

(

EmpId int primary key auto\_increment,

EmpName varchar(100),

FName varchar(100),

DOB date,

Gender enum('Male','Female','Others'),

contact varchar(15) unique key,

EmailId varchar(200) unique key,

Address varchar(100),

ProofId varchar(100) unique key,

ProofType enum('adhaar','licence','voterID'),

Salary int,

Designation varchar(100),

DateOfJoining date

);

create table SupplierInfo

(

SupplierId int(100) primary key auto\_increment,

SupplierName varchar(100),

GSTno varchar(100),

contact varchar(15) unique key,

EmailId varchar(200) unique key,

Address varchar(100)

);

create table BrandInfo

(

BrandId int primary key auto\_increment,

BrandName varchar(100) unique key

);

create table CategoryInfo

(

CategoryId int primary key auto\_increment,

CategoryName varchar(100) unique key

);

create table SupplierBrandInfo

(

BrandId int,

foreign key(BrandId) references BrandInfo(BrandId),

SupplierId int,

foreign key(SupplierId) references SupplierInfo(SupplierId)

);

create table StockInfo

(

SupplierId int(100) primary key auto\_increment,

SupplierName varchar(100),

GSTno varchar(100),

contact varchar(15) unique key,

EmailId varchar(200) unique key,

Address varchar(100)

);

create table ItemInfo

(

ItemId int auto\_increment primary key,

ItemName varchar(100) unique key,

SubCategoryId int,

foreign key(SubCategoryId) references subCategoryInfo(SubCategoryId),

BrandId int,

foreign key(BrandId) references BrandInfo(BrandId),

AvailableQty int ,

Price int

);

create table StockInfo

(

StockId int primary key auto\_increment,

ItemId int,

foreign key(ItemId) references iteminfo(ItemId),

Qty int,

Price float,

ExpiryDate date,

Discount varchar(100)

);

create table SubCategoryInfo

(

SubCategoryId int primary key auto\_increment,

SubCategoryName varchar(100),

CategoryId int,

foreign key(CategoryId) references CategoryInfo(CategoryId)

);

alter table subcategoryinfo add BrandId int;

alter table subcategoryinfo

add primary key(SubCategoryId,BrandId);

alter table subcategoryinfo

drop foreign key subcategoryinfo\_ibfk\_2;

show create table subcategoryinfo;

desc subcategoryinfo;

alter table subcategoryinfo

drop column BrandId;

**Composite Key**

create table brandsubcategoryinfo

(

SrNo int auto\_increment primary key,

BrandId int,

foreign key(BrandId) references brandinfo(BrandId),

SubCategoryId int,

foreign key(SubCategoryId) references subcategoryinfo(SubCategoryId),

unique key(BrandId,SubCategoryId)

)

***BILL QUERY***

create table billinfo

(

BillId int auto\_increment primary key,

CustomerId int,

foreign key(CustomerId) references customerinfo(CustomerId),

BillDate date,

UserName varchar(100),

foreign key(UserName) references logins(username),

PaymentDescription varchar(1000)

)

create table billdetails

(

DetailId int auto\_increment primary key,

BillId int ,

foreign key(BillId) references billinfo(BillId),

ItemId int,

foreign key(ItemId) references iteminfo(ItemId),

Qty float,

Price float,

Discount float

)

#List 0f all SubCategory with selected BrandId

**select \* from subcategoryinfo**

**where SubCategoryId in(select SubCategoryId from brandsubcategoryinfo where BrandId=3);**