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Create EMPLOYEE table:

Create STORE_MANAGER table:

```
dvtd@dvtd-t14s:~

retail=# create table STORE_MANAGER(Id int primary key, foreign key (Id) references EMPLOYEE (Id));

REATE TABLE
retail=# select * from STORE_MANAGER;
id
----
(0 rows)

retail=#
```

Create FLOOR_CLERK table:

```
dvtd@dvtd-t14s:~

retail=# create table FLOOR_CLERK(Id int primary key, foreign key (Id) references EMPLOYEE (Id));

retail=# select * from FLOOR_CLERK;
id
----
(0 rows)

retail=#
```

Create CUSTOMER table:

Create PAYMENT_METHOD table:

Create PURCHASE table:

Create DISCOUNT_PROGRAM table:

Create SHELF table:

Create PRODUCT table:

Create BRAND table:

```
dvtd@dvtd-t14s:~

retail=# create table BRAND(Id int primary key, Name varchar(50) not null);

create TABLE retail=# select * from BRAND;
id | name
.......................(0 rows)

retail=#
```

Create TRANSACTION_HISTORY table:

```
dvtd@dvtd-t14s:~

retail=# create table TRANSACTION_HISTORY(CustomerId int not null, ProductId int not null, Primary key (CustomerId), BrandId int not null, Date date not null, Time time not null, Quantity int not null, Primary key (CustomerId, ProductId, Date, Time), foreign key (CustomerId) references Customer (Id), foreign key (ProductId) references Product (Id), foreign key (ProductId) references Product (Id), foreign key (BrandId) references Brand (Id));

CREATE TABLE retail=# select * from TRANSACTION_HISTORY;

customerid | productId | purchaseid | brandId | date | time | quantity

(0 rows)

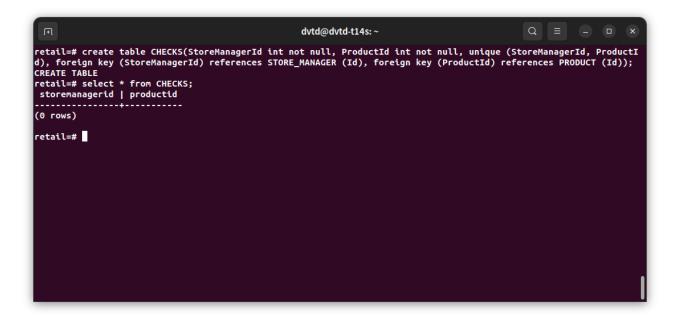
retail=#
```

Create BELONGS_TO table:



Create RESTOCKS table:

Create CHECKS table:



Create IS_ON table:

Create HAS table:

```
dvtd@dvtd-t14s:~

Q = - - ×

retail=# create table HAS(DiscountProgramId int not null, ProductId int not null, BrandId int not null, FromDate t
inestamp not null, ToDate timestamp not null, Percent int not null, foreign key (DiscountProgramId) references DIS

COUNT_PROGRAM (Id), foreign key (ProductId) references Product (Id), foreign key (BrandId) references Brand (Id),
constraint DiscountPercent check(Percent >= 0 and Percent <= 80), constraint DateValidity check(FromDate < ToDate)
);

CREATE TABLE

retail=# select * from HAS;
discountprogramid | productid | brandid | fromdate | todate | percent

(0 rows)

retail=#
```

Create STORAGE_CONDITIONS table:

Create RESTOCKS_SESSION table:

```
dvtd@dvtd-t14s:~

retail=# create table RESTOCKS_SESSION(FloorClerkId int not null, ShelfId int not null, Date date not null, Time t ime not null, primary key (FloorClerkId, ShelfId, Date, Time), foreign key (FloorClerkId, ShelfId)) references REST OCKS (FloorClerkId, ShelfId));

CREATE TABLE

retail=# select * from RESTOCKS_SESSION;
floorClerkId | shelfId | date | time

(0 rows)

retail=#
```

Create CHECKS_SESSION table:



Schema Visualization:

