**1.Create schema in any Database script or any ORM (Object Relational Mapping)**

**Solution:**

**-- Create Product Category Table**

**CREATE TABLE IF NOT EXISTS Category**

**(**

**category\_id SERIAL PRIMARY KEY,**

**category\_name VARCHAR(100) NOT NULL**

**);**

**-- Create Product Table**

**CREATE TABLE IF NOT EXISTS Item**

**(**

**item\_id SERIAL PRIMARY KEY,**

**item\_name VARCHAR(255) NOT NULL,**

**cat\_id INT NOT NULL,**

**price DECIMAL(10, 2) NOT NULL,**

**description TEXT,**

**CONSTRAINT fk\_cat\_id FOREIGN KEY (cat\_id) REFERENCES Category(category\_id)**

**);**