

**19ELC312 – Database System and**

**Programming**

**Group Project**

**Group Number: 3**

**Title: Stock Management in Hypermarket**

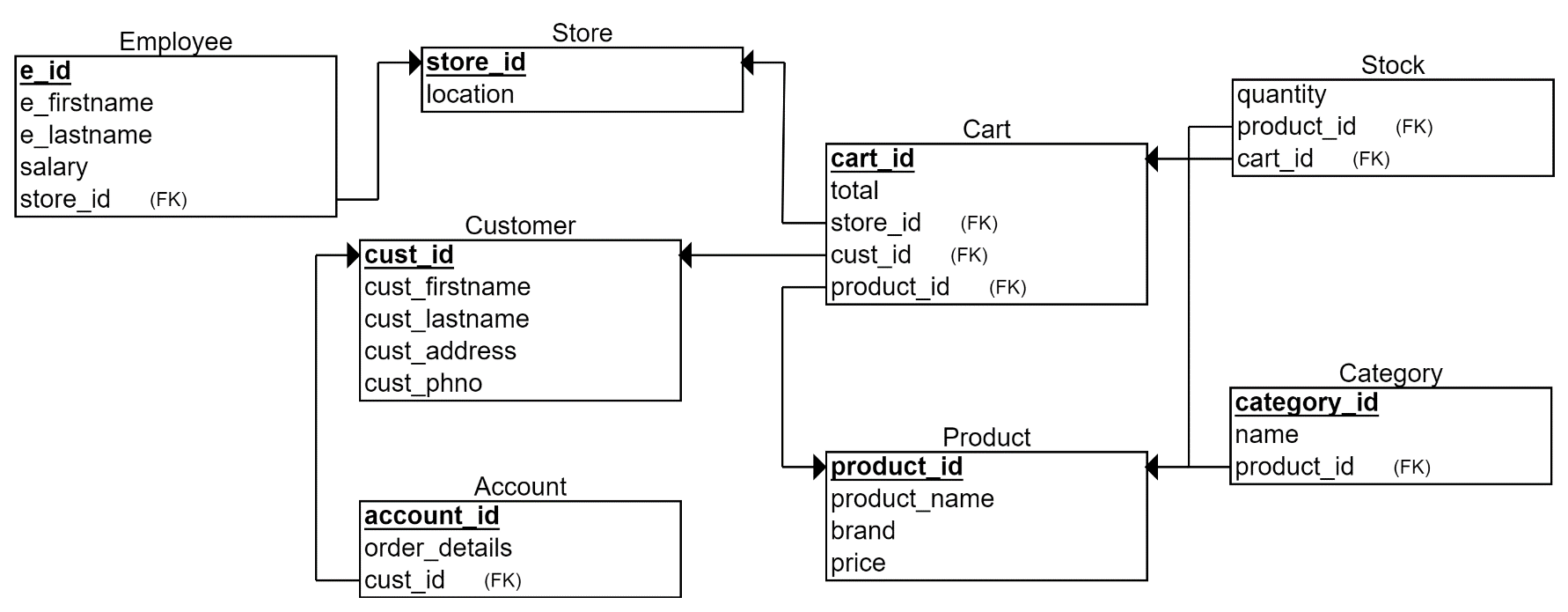
**Group Members:**

**ABISHEK. M – CB.EN.U4ELC20003**

**HARISH. S – CB.EN.U4ELC20022**

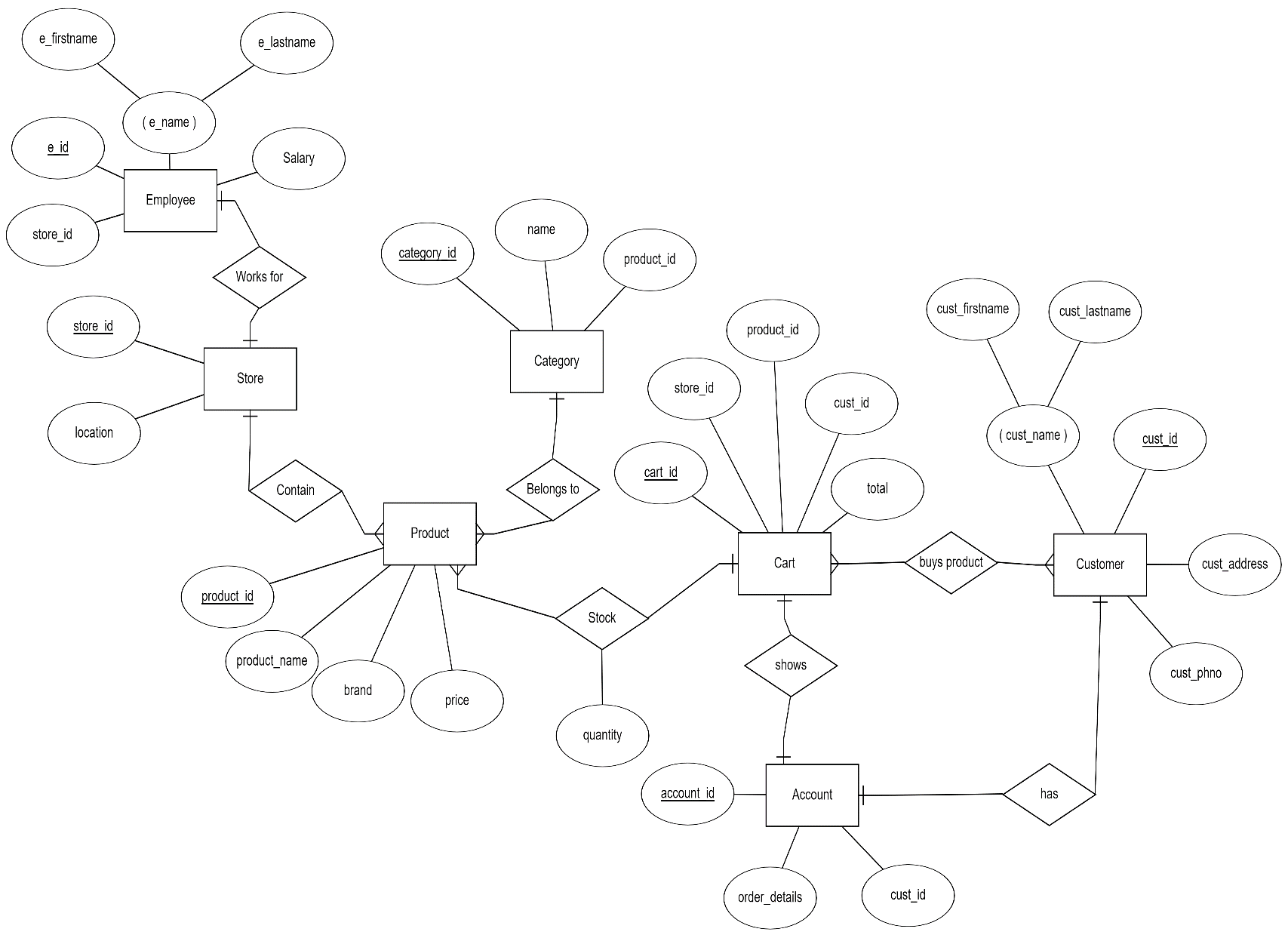
**KURALANBU. S – CB.EN.U4ELC20033**

**Relational Schema:**

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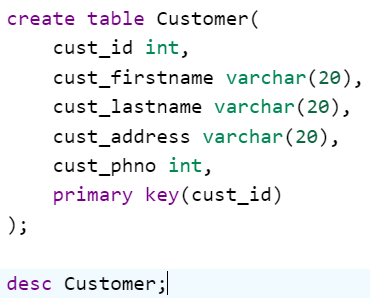
* Employee (**e\_id**, e\_firstname, e\_lastname, salary, store\_id(fk))
* Store (**store\_id**, location)
* Cart (**cart\_id**, total, store\_id(fk), cust\_id(fk), product\_id(fk))
* Customer (**cust\_id**, cust\_firstname, cust\_lastname, cust\_address, cust\_phno)
* Account (**account\_id**, order\_details, cust\_id(fk))
* Product (**product\_id**, product\_name, brand, price)
* Stock (quantity, product\_id(fk), cart\_id(fk))
* Category (**category\_id**, name, product\_id(fk))

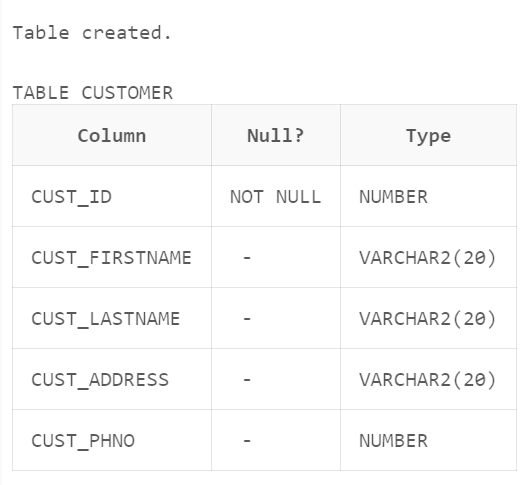
**Entity Relationship Diagram:**

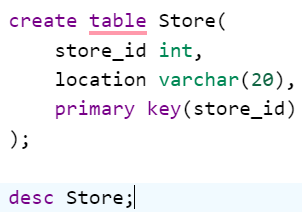


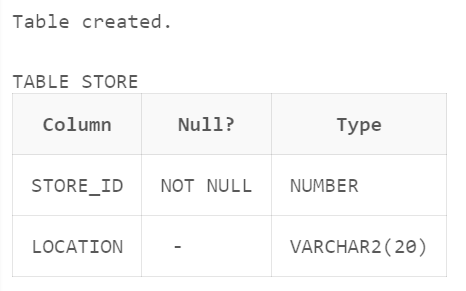
**SQL:**

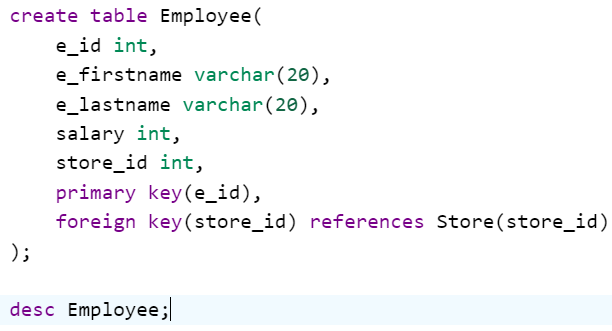
Creating the Tables

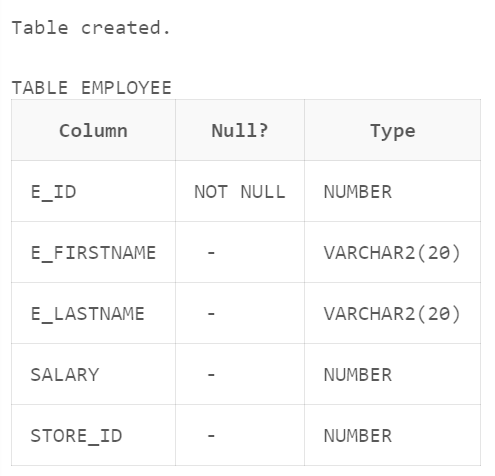


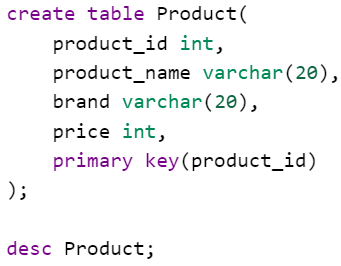


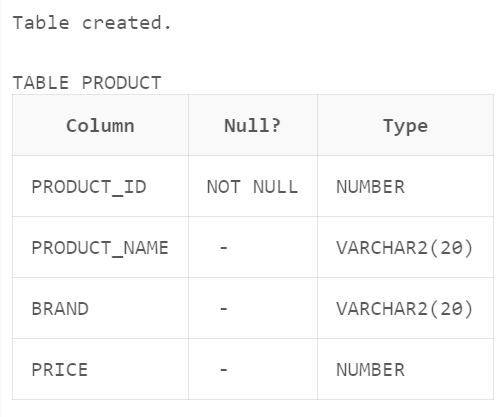


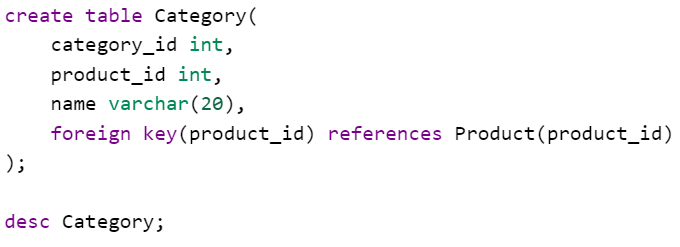


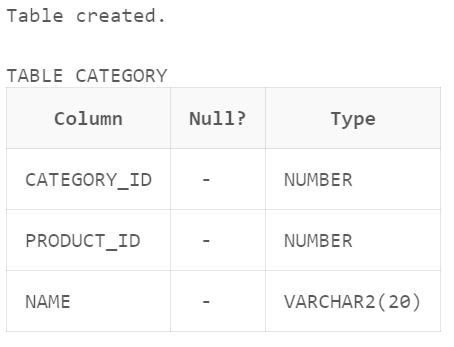


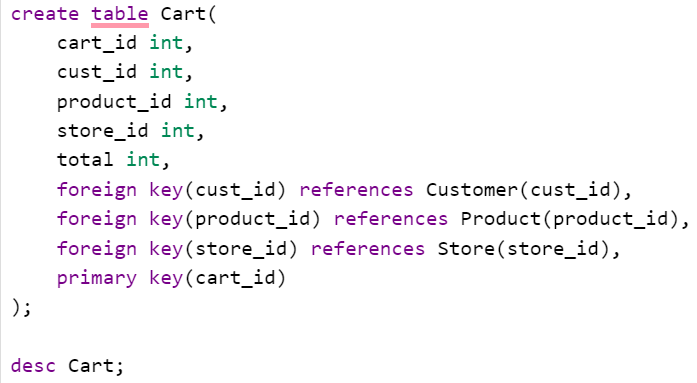


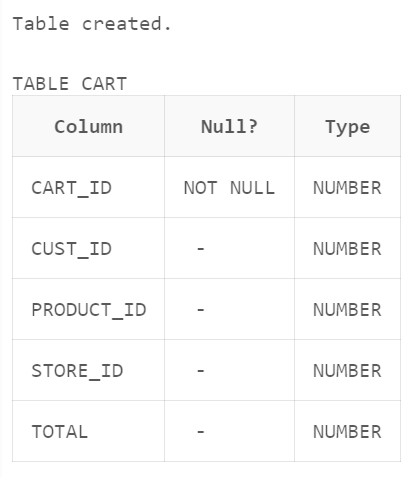


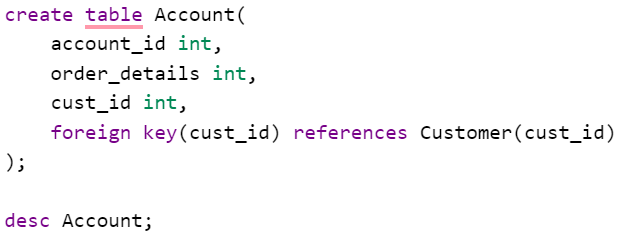


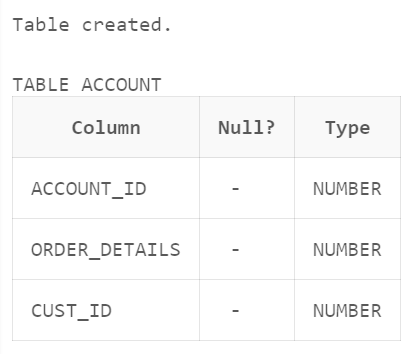


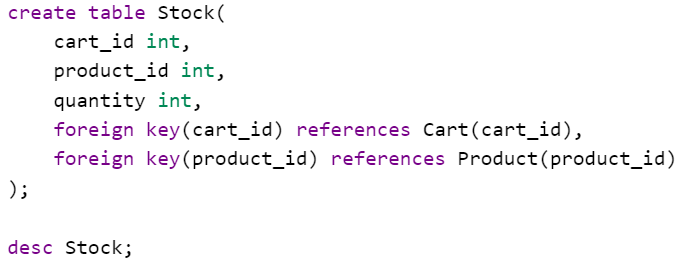


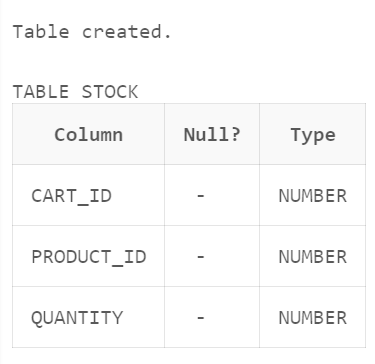


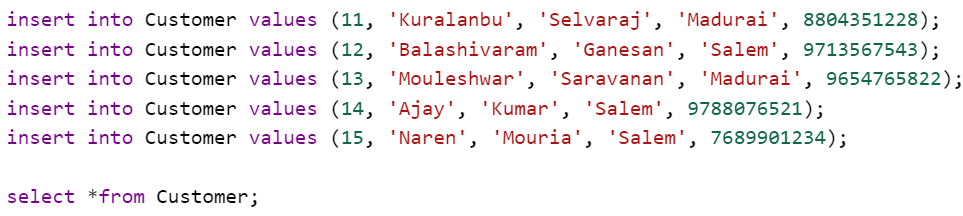


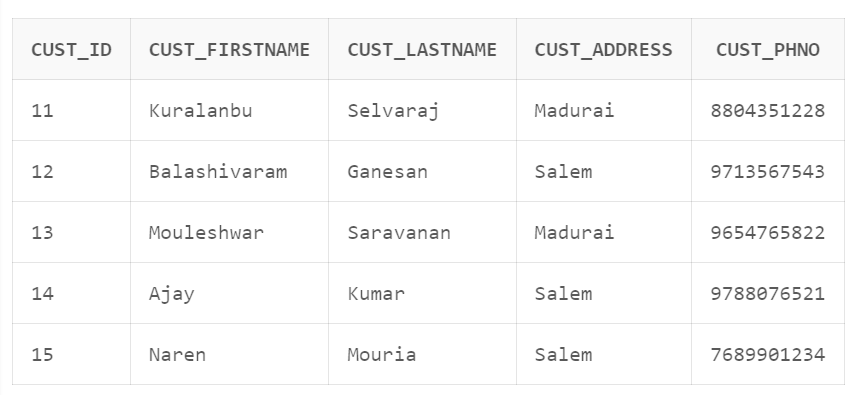


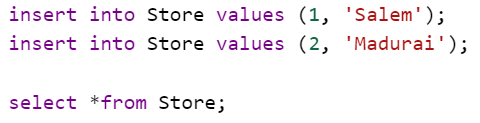


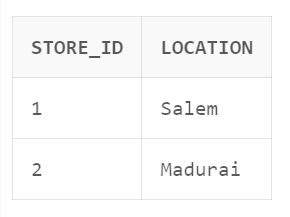




**Inserting values in Tables:**

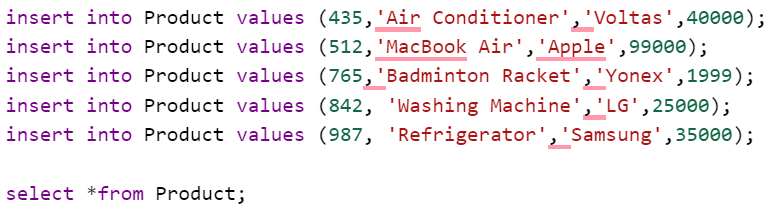


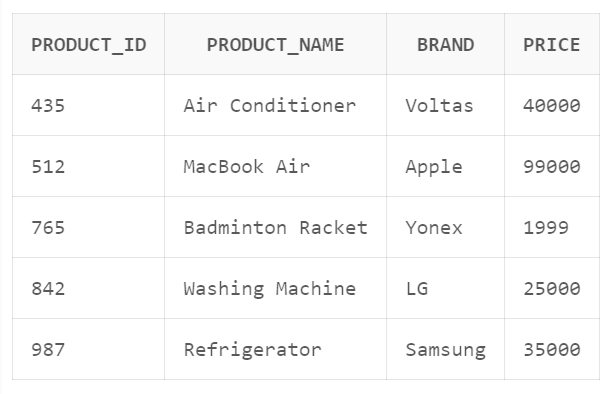


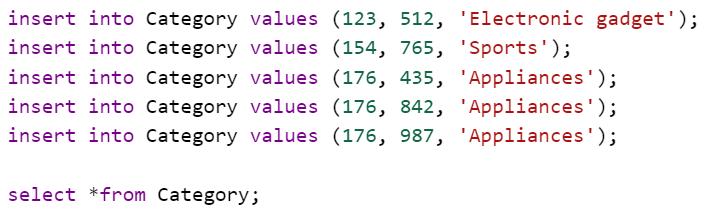


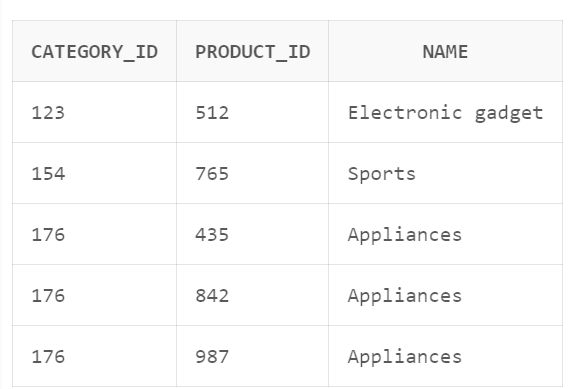


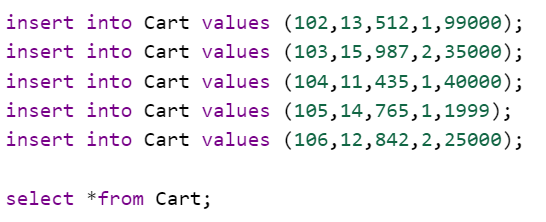


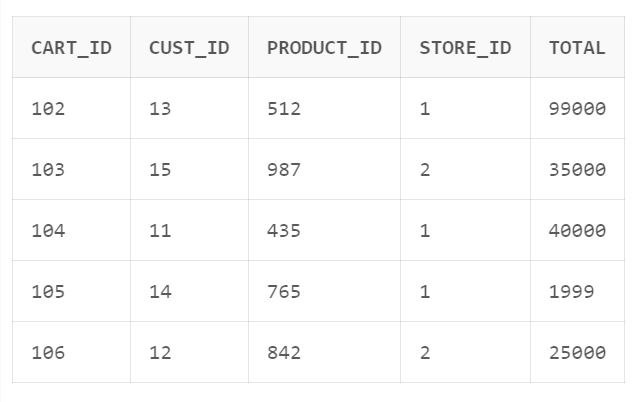


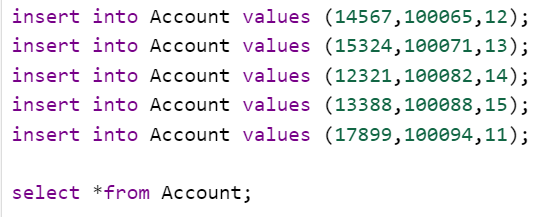


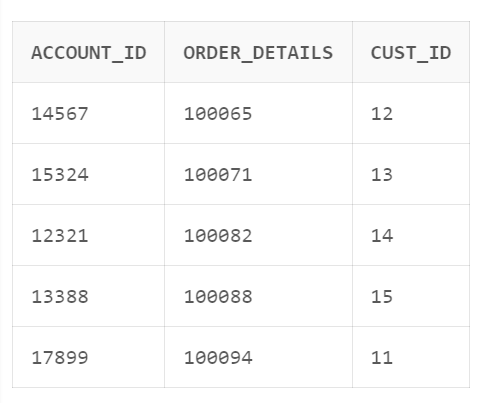


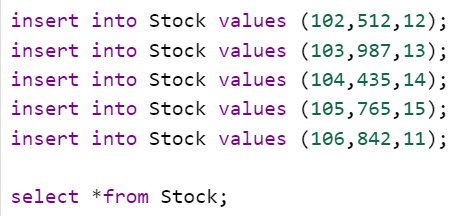


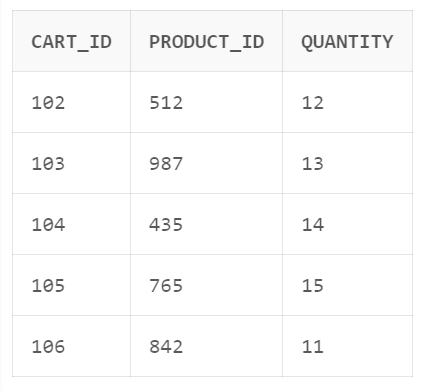












**Sample Queries:**

