FUNCTIONS AND SQL QUERIES

Customer side:
- Let a customer see their purchase history for a particular time period.
(Eg: Find Prod_name, Qty, Subtotal for all products purchased by Lisa in March 2020)
QUERY- 1

- Let a customer browse a kind of product under a certain price.
(Eg: Find Brand_name, Price, Qty for all brands of Milk and under Rs.55)
QUERY- 2

- Let a customer see all products of a specific category that they purchased from most costly to least
(Eg: Find Brand_name, Prod_name, Price for all products purchased by Lisa under the category of Food)
QUERY- 3

- Let customers repeat an order from their past history, and the customer will provide bill no.
QUERY- 8

Admin Side:

- Let the admin see which products of each category are left in the inventory that have a qty of less than a (predetermined) value
(Eg: Find Category_name, Prod_name, quantity for all products whose quantity is less than 5, grouped by category)
QUERY- 4

- Let the admin see the top 10 customers who have the most bills in his store in ordered by the number of their bills
(Eg: Find Cust_name, No_of_Bills of those 10 customers that have most orders in this store)
QUERY- 5

- Let admin see all the categories of his store in order of most profitable to least profitable
  (Eg: Find Cat_name, Profit_Per for all categories ordered from highest profit to least profit)
  QUERY- 6

- Let admin see profit of given time period
  (Eg: Find profit percentage of store made in month of <u>March</u>)
  QUERY- 7

- Finding the most luxurious (Case 1) or cost-effective (Case 2) brand in the store looking at the average price of the products sold by it
  QUERY- 9

- Admin updates the type of a customer
  (Eg: Customer type is upgraded after <u>customer_id = 2</u> makes payment)
  QUERY- 10

- Update the customer table to include a status that tells us whether the customer is active or not
  QUERY- 11