Sql queries: [lab5]

[Referred tables: 'products', 'manufacturer']
   i.   Select the names of all the products in the store.
   ii. Select the names and the prices of all the products in the store.
  iii. Select the name of the products with a price less than or equal to
        $200.
   iv. Select all the products with a price between $60 and $120.
    v.   Select the name and price in cents (i.e., the price must be multiplied
        by 100).
   vi. Compute the average price of all the products.
  vii. Try the above task without using avg () function. [Use any other
        aggregate function!]
 viii. Compute the average price of all products with manufacturer code equal
        to 2
   ix. Compute the number of products with a price larger than or equal to
        $180.
    x.   Select the name and price of all products with a price larger than or
        equal to $180.
   xi. Select the name and price of all products with a price larger than or
        equal to $180, and sort first by price (in descending order).
  xii. Select the name and price of all products with a price larger than or
        equal to $180, and sort first by price (in descending order), and then
        by name (in ascending order).
 xiii. [Did u notice the difference in the output of X, XI, XII? Did u
        understand why it happened?]
  xiv. Select the name and price of the cheapest product. [Hint: read the
        max() and min() function handbook]
   xv. Select the product name, price, and manufacturer name of all the
        products. [Hint: use joining concepts]
  xvi. Select the average price of each manufacturer's products, showing only
        the manufacturer's code.
 xvii. Select the average price of each manufacturer's products, showing the
        manufacturer's name. [Hint: joining and group by]
xviii. Select the names of manufacturer whose products have an average price
        larger than or equal to $150
  xix. Select the name of each manufacturer along with the name and price of
        its most expensive product.
   xx. Select the name of each manufacturer along with the name and price of
        its most expensive product. Then order it by the maximum price of each
        category
  xxi. Add a new product: Loudspeakers, $70, manufacturer 2.
 xxii. Update the name of product 8 to "Laser Printer".
xxiii. What will be the price if we apply a 10% discount to all products.[
        show it using modification in the select query]
 xxiv. Use 'update' statement to modify the price of all product with 10%
        discount!
  xxv. Apply a 10% discount to all products with a price larger than or equal
        to $120.