

## Write your answers in a text file. Or you'll not be evaluated

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 price of its most expensive product.
- xx. Select the name of each manufacturer along with the price of its most expensive product. Then order it by the maximum price of each category
- xxi. Update the name of product 8 to "Laser Printer".
- xxii. What will be the price if we apply a 10% discount to all products.[ show it using modification in the select query]
- xxiii. Use 'update' statement to modify the price of all product with 10% discount!
- xxiv. Apply a 10% discount to all products with a price larger than or equal to \$120.