

Atelier 1

1- CREATE DATABASE boutique

2- CREATE TABLE Manufacturers (Code INT PRIMARY KEY NOT NULL, Name VARCHAR (255))

CREATE TABLE Products (Code INTEGER, Name VARCHAR(255) NOT NULL, Price DECIMAL NOT NULL, Manufacturer INTEGER NOT NULL, PRIMARY KEY (Code), FOREIGN KEY (Manufacturer) REFERENCES Manufacturers(Code)

3- INSERT INTO Manufacturers (Code, Name) VALUES (Code,Name), (1,"Sony"), (2,"Creative Labs"), (3, "Hewlest-Packard"), (4, "Iomega"), (5, "Fujitsu"), (6,"Winchester")

4- INSERT INTO products (Code,Name,Price,Manufacturer)
VALUES

(1, 'Hard drive', 240, 5),
(2, 'Memory', 120, 6),
(3, 'Zip drive', 150, 4),
(4, 'Floppy disk', 5, 6),
(5, 'Monitor', 240, 1),
(6, 'DVD drive', 180, 2),
(7, 'CD drive', 90, 2),
(8, ' Printer', 270, 3),
(9, ' Toner cartridge', 66, 3),
(10, 'DVD burner', 180, 2);

5- SELECT Name FROM products

7- SELECT Name FROM products WHERE Price <=200

8- SELECT Name FROM products WHERE Price BETWEEN 60 AND 120

9- SELECT name, concat(price*100, 'cents') FROM products

12- SELECT Name FROM products WHERE Price >=180

13- SELECT Name FROM products WHERE Price >=180 ORDER BY price DESC, name ASC

14- SELECT * FROM products INNER JOIN manufacturers ON products.Manufacturer = manufacturers.Code