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CREATE TABLE Manufacturers (  
    Code INTEGER,  
    Name VARCHAR(255) NOT NULL,  
    PRIMARY KEY (Code)  
);
```

```
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)  
) ENGINE=INNODB;
```

```
INSERT INTO Manufacturers(Code,Name) VALUES(1,'Sony');  
INSERT INTO Manufacturers(Code,Name) VALUES(2,'Creative Labs');  
INSERT INTO Manufacturers(Code,Name) VALUES(3,'Hewlett-Packard');  
INSERT INTO Manufacturers(Code,Name) VALUES(4,'Iomega');  
INSERT INTO Manufacturers(Code,Name) VALUES(5,'Fujitsu');  
INSERT INTO Manufacturers(Code,Name) VALUES(6,'Winchester');
```

```
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(1,'Hard drive',240,5);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(2,'Memory',120,6);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(3,'ZIP drive',150,4);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(4,'Floppy disk',5,6);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(5,'Monitor',240,1);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(6,'DVD drive',180,2);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(7,'CD drive',90,2);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(8,'Printer',270,3);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(9,'Toner cartridge',66,3);  
INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(10,'DVD burner',180,2);
```

- 1.- Select the names of all the products in the store.
- 2.- Select the names and the prices of all the products in the store.
- 3.- Select the name of the products with a price less than or equal to \$200.
- 4.- Select all the products with a price between \$60 and \$120.
- 5.- Select the name and price in cents (i.e., the price must be multiplied by 100).
- 6.- Compute the average price of all the products.
- 7.- Compute the average price of all products with manufacturer code equal to 2.
- 8.- Compute the number of products with a price larger than or equal to \$180.
- 9.- 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).
- 10.- Select all the data from the products, including all the data for each product's manufacturer.
- 11.- Select the product name, price, and manufacturer name of all the products.
- 12.- Select the average price of each manufacturer's products, showing only the manufacturer's code.
- 13.- Select the average price of each manufacturer's products, showing the manufacturer's name.
- 14.- Select the names of manufacturer whose products have an average price larger than or equal to \$150.
- 15.- Select the name and price of the cheapest product.
- 16.- Select the name of each manufacturer along with the name and price of its most expensive product.
- 17.- Add a new product: Loudspeakers, \$70, manufacturer 2.
- 18.- Update the name of product 8 to "Laser Printer".
- 19.- Apply a 10% discount to all products.
- 20.- Apply a 10% discount to all products with a price larger than or equal to \$120.