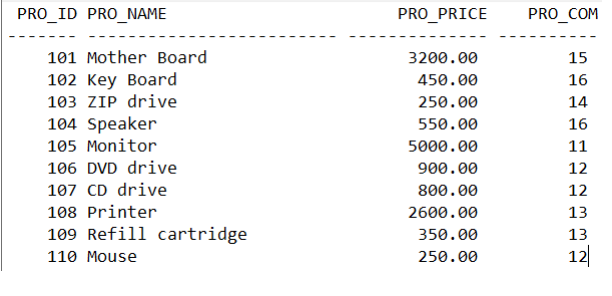
**Write SQL query to solve the problem given below:**

* There given a table named as product.
* The products are the computer components like keyboard, motherboard, monitor , speaker, etc..
* The product table contains attributes like product id, product name, price and product code.
* Example of such table is given below :

****

* Make sure to user right sql syntax to solve the query given below :
  + Write sql query to find the items whose prices are higher than or equal 250rs. Order the result by product price in descending, then product name in ascending. Return pro\_name and pro\_price.
  + Write a sql query to find the cheapest item. Return pro\_name and pro\_price.
  + Write the sql query to calculate the average price of the items for each company. Return average price and company code.
  + Write the sql query to find the average total for all the product mention in the table.

**Make sure to make your code clean neat.**

**ANSWER BELOW**

1. CREATE TABLE product
2. (

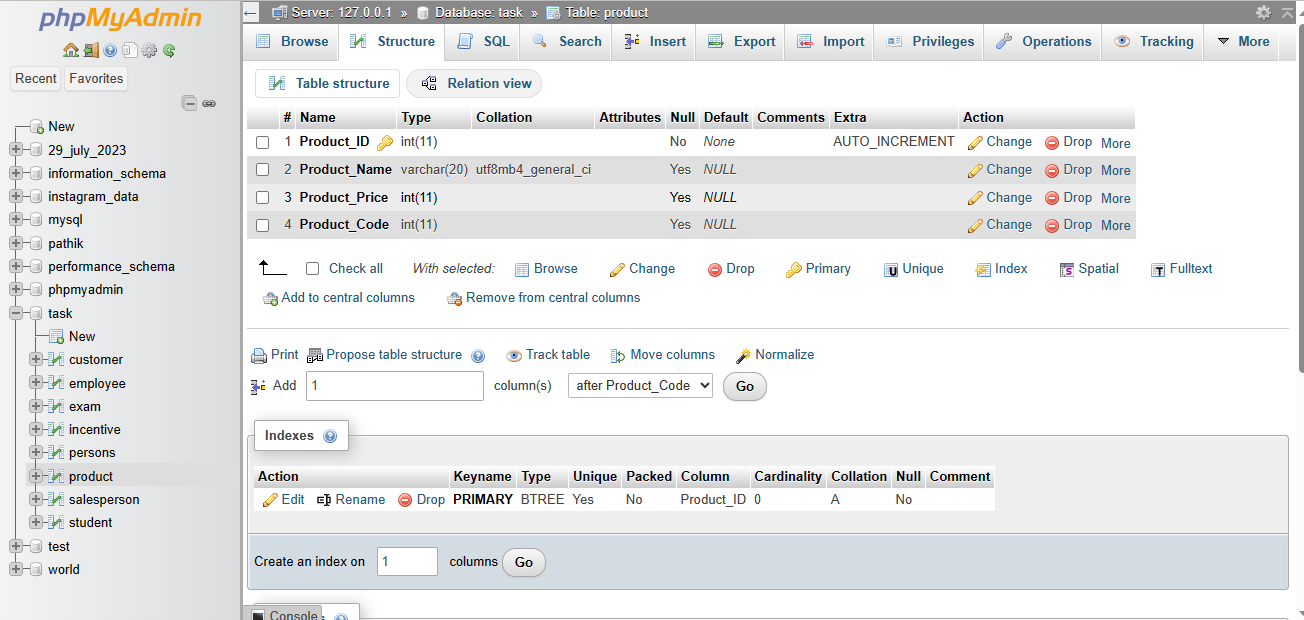
Product\_ID INT PRIMARY KEY AUTO\_INCREMENT,

Product\_Name VARCHAR (20),

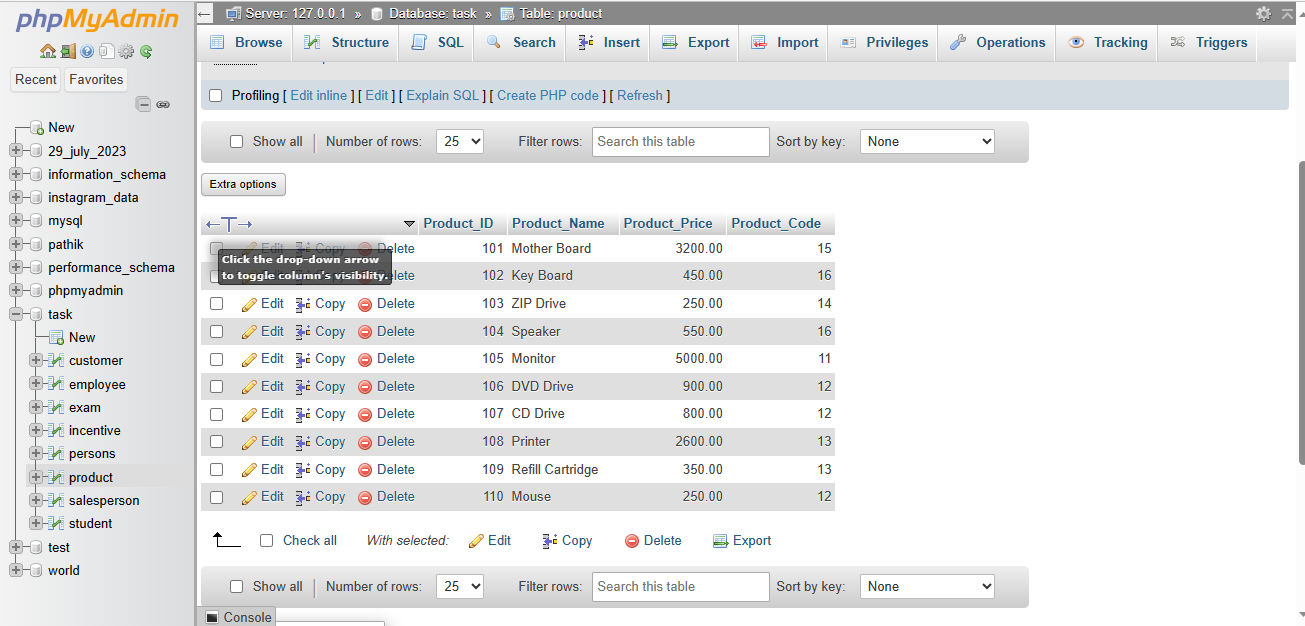
Product\_Price DECIMAL (6,2) ***//(Here 6->Total digits both left & right to the decimal point & 2->Total digits right after decimal point. )***

Product\_Code INT

);



1. ALTER TABLE Persons AUTO\_INCREMENT=101;
2. INSERT INTO product (Product\_Name, Product\_Price, Product\_Code) VALUES ('Mother Board', '3200.00', '15'),('Key Board', '450.00', '16'), ('ZIP Drive', '250.00', '14'), ('Speaker', '550.00', '16'), ('Monitor', '5000.00', '11'), ('DVD Drive', '900.00', '12'), ('CD Drive', '800.00', '12'), ('Printer', '2600.00', '13'), ('Refill Cartridge', '350.00', '13'), ('Mouse', '250.00', '12');

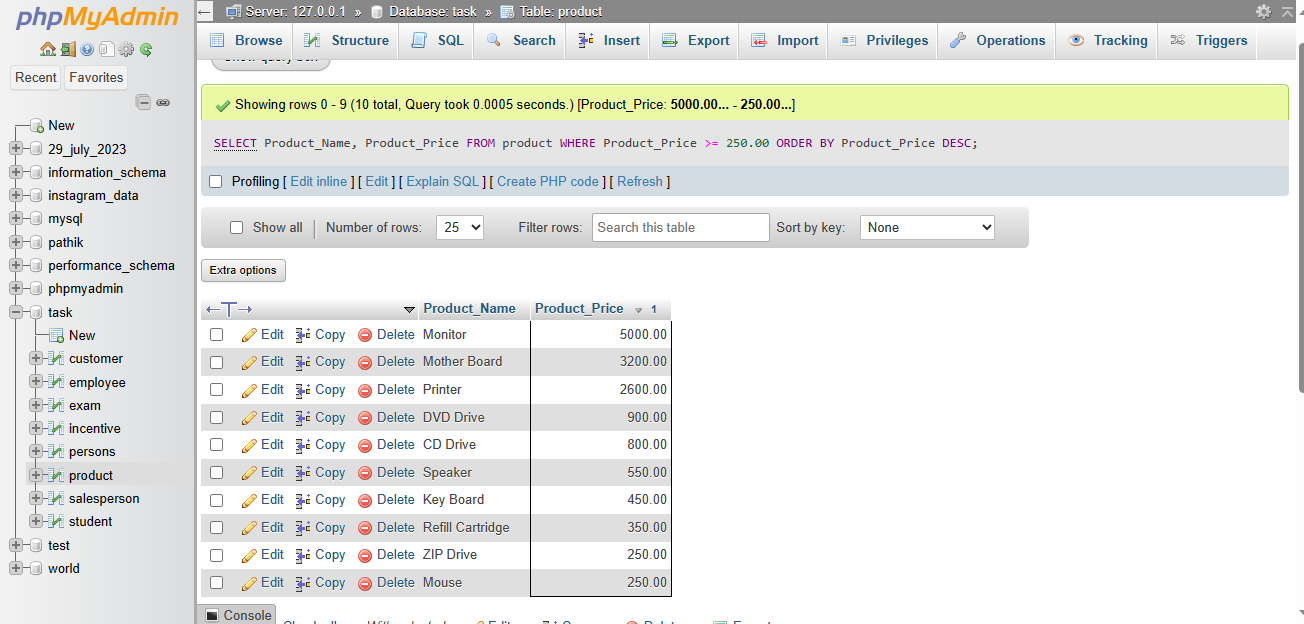


1. SELECT \* FROM product WHERE Product\_Price >=250;
2. SELECT Product\_Name, Product\_Price

FROM product

WHERE Product\_Price >= 250.00

ORDER BY Product\_Price DESC;

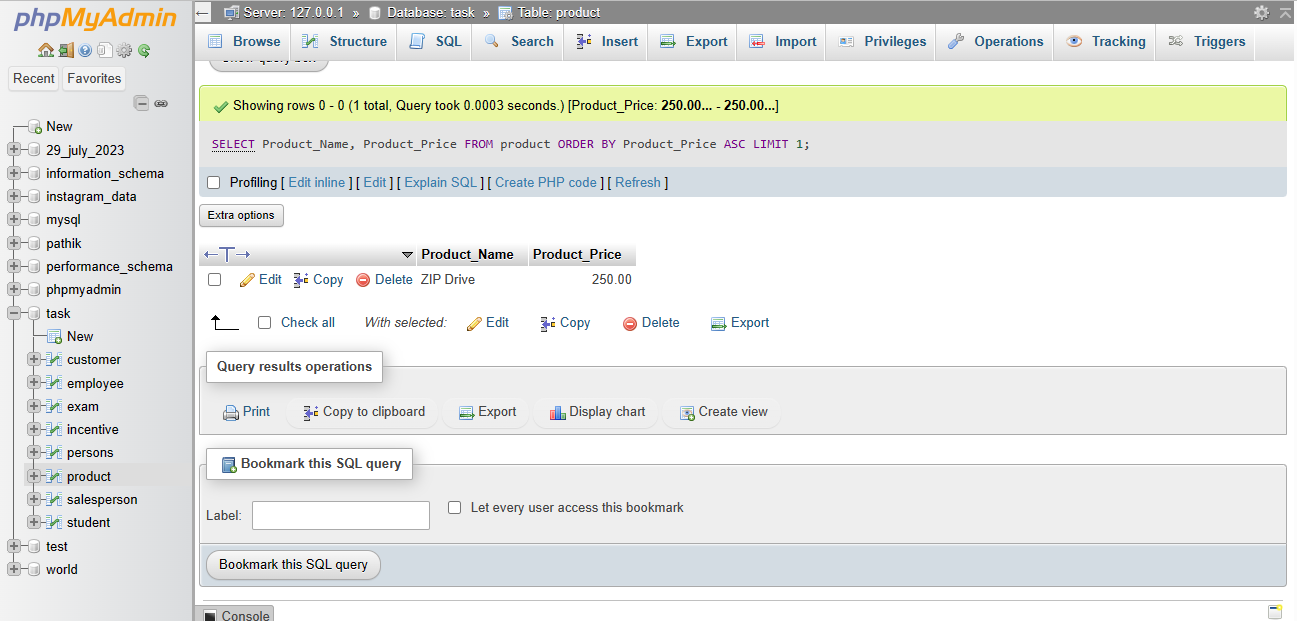


1. SELECT Product\_Name, Product\_Price

FROM product

ORDER BY Product\_Price ASC

LIMIT 1;



1. SELECT AVG(Product\_Price) FROM product;

