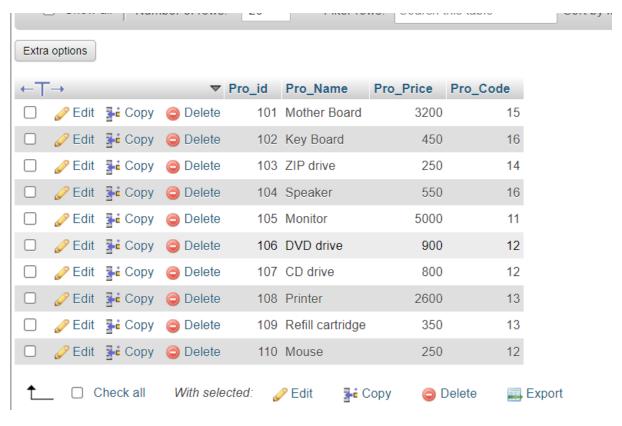
Q.20 From the following table, write a SQL query to select a range of products whose price is in the range Rs.200 to Rs.600. Begin and end

values are included. Return pro_id, pro_name, pro_price, and pro_com

```
CREATE TABLE item_mast(
 Pro_id INT PRIMARY KEY,
 Pro_Name VARCHAR(20) NOT NULL,
 Pro_Price REAL NOT NULL,
 Pro_Code INT NOT NULL
)
============= Insert Data: item_mast =======================
INSERT INTO item_mast VALUES
(101, 'Mother Board', 3200.00, 15),
(102, 'Key Board', 450.00, 16),
(103, 'ZIP drive', 250.00, 14),
(104, 'Speaker', 550.00, 16),
(105, 'Monitor', 5000.00, 11),
(106, 'DVD drive', 900.00, 12),
(107, 'CD drive', 800.00, 12),
(108, 'Printer', 2600.00, 13),
(109, 'Refill cartridge', 350.00, 13),
(110, 'Mouse', 250.00, 12)
```

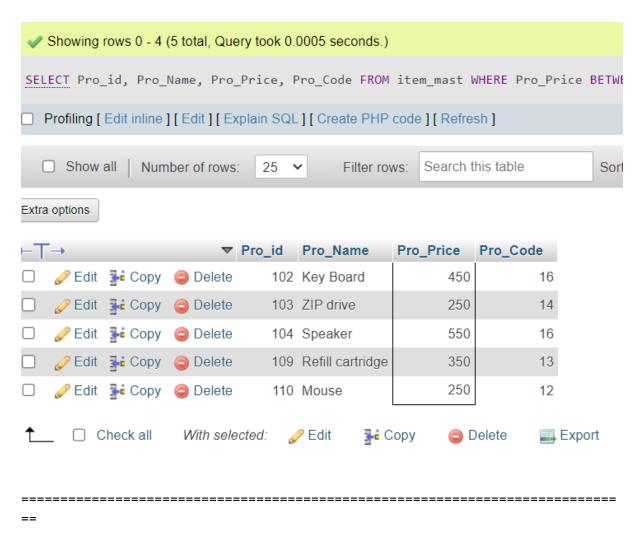


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Q.20 write a SQL query to select a range of products whose price is in the range Rs.200 to Rs.600. Begin and end values are included. Return pro_id, pro_name, pro_price, and pro_com.

SQL Quary

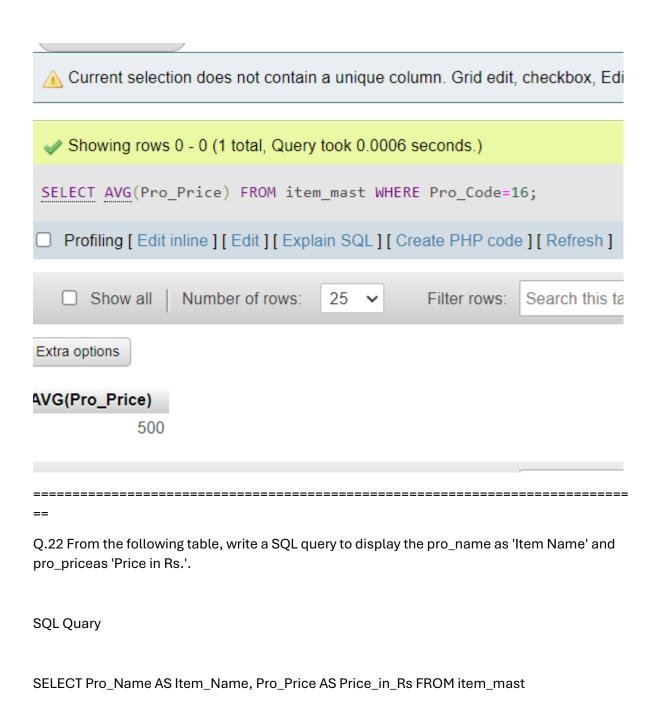
SELECT Pro_id, Pro_Name, Pro_Price, Pro_Code FROM item_mast WHERE Pro_Price BETWEEN 200.00 AND 600.00

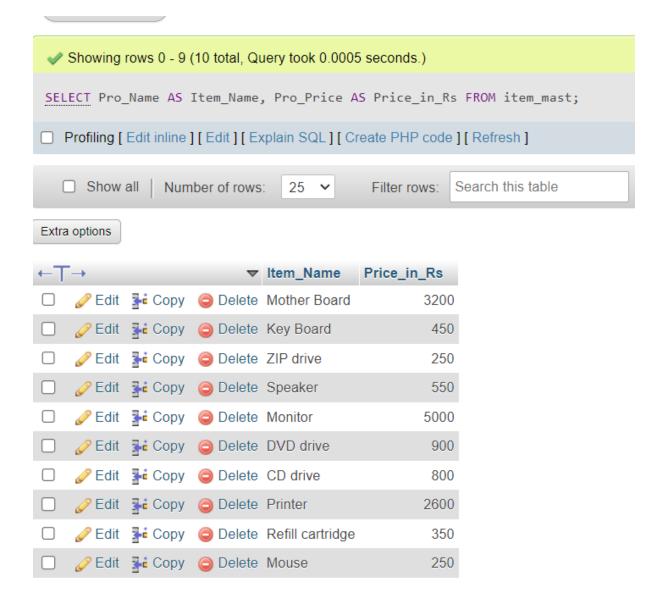


Q.21 From the following table, write a SQL query to calculate the averageprice for a manufacturer code of 16. Return avg.

SQL Quary

SELECT AVG(Pro_Price) FROM item_mast WHERE Pro_Code=16





Q.23 From the following table, write a SQL query to find the items whose prices are higher than or equal to \$250. Order the result by product price in

descending, then product name in ascending. Return pro_name and pro_price.

SQL Quary

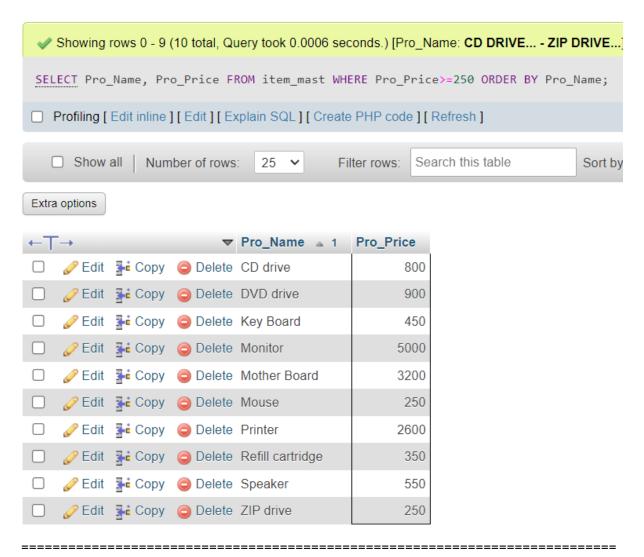
SELECT Pro_Name, Pro_Price FROM item_mast WHERE Pro_Price>=250 ORDER BY Pro_Price DESC;

SELECT Pro_Name, Pro_Price FROM item_mast WHERE Pro_Price>=250 ORDER BY Pro_Name;

Showing rows 0 - 9 (10 total, Query took 0.0006 seconds.) [Pro_Price: 5000... - 25
SELECT Pro_Name, Pro_Price FROM item_mast WHERE Pro_Price>=250 ORDER
□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all | Number of rows: 25 ✓ Filter rows: Search this table

Extra options

←T	\rightarrow		∇	Pro_Name	Pro_Price	▽ 1
	Ø Edit	З Сору	Delete	Monitor		5000
	<i>⊘</i> Edit	≩ Copy	Delete	Mother Board		3200
	Ø Edit	≩ Сору	Delete	Printer		2600
	<i>⊘</i> Edit	≩ Copy	Delete	DVD drive		900
	Ø Edit	≩ Copy	Delete	CD drive		800
	<i>⊘</i> Edit	≩ Copy	Delete	Speaker		550
	Ø Edit	≩ Сору	Delete	Key Board		450
	<i>⊘</i> Edit	≟ Copy	Delete	Refill cartridge		350
	Ø Edit	≟ Copy	Delete	ZIP drive		250
	<i>⊘</i> Edit	≟ Copy	Delete	Mouse		250



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Q.24 From the following table, write a SQL query to calculate average price of the items for each company. Return average price and company code.

SQL Quary

SELECT AVG(Pro_Price), Pro_Code FROM item_mast GROUP BY Pro_Code;

