

MODUL 5

ASSESMENT :- SQL



• 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

+ Options									
←7	\rightarrow		\triangledown	PRO_ID	PRO_NAME	PRO_PRICE	PRO_COM		
	Edit	≩- Copy	Delete	101	Mother bord	3200.00	15		
	Edit	≟ Copy	Delete	102	Key Bord	450.00	16		
	Edit	≩- Copy	Delete	103	Zip drive	250.00	14		
	Edit	≩ сору	Delete	104	Speaker	550.00	16		
	Edit	≟ Copy	Delete	105	Moniter	5000.00	11		
		≩ сору	Delete	106	DVD Drive	900.00	12		
	Edit	≟ Copy	Delete	107	CD Drive	800.00	12		
	Edit	∄ Copy	Delete	108	printer	2600.00	13		
		≩ сору	Delete	109	Refill Cartige	350.00	13		
	Edit	∄ € Copy	Delete	110	Mouse	250.00	12		
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Make sure to user right SQL syntax to solve the query given below:

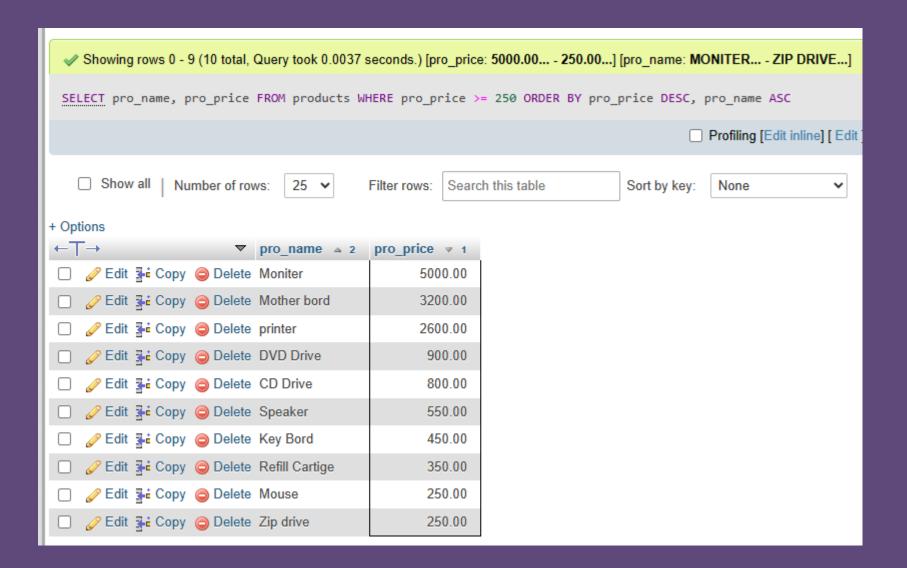
• Write SQL query to find the items whose prices are higher than or equal 250rs. Order the result by product price in descending, then product name in ascending. Return pro_name and pro_price.

```
SELECT pro_name, pro_price

FROM product

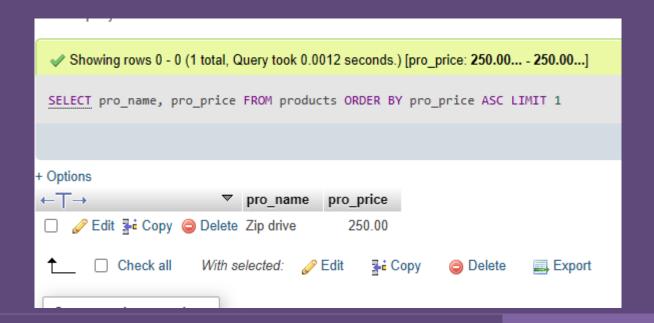
WHERE pro_price >= 250

ORDER BY pro_price DESC, pro_name ASC;
```



• Write a SQL query to find the cheapest item. Return pro_name and pro_price.

```
SELECT pro_name, pro_price
FROM product
ORDER BY pro_price ASC
LIMIT 1;
```



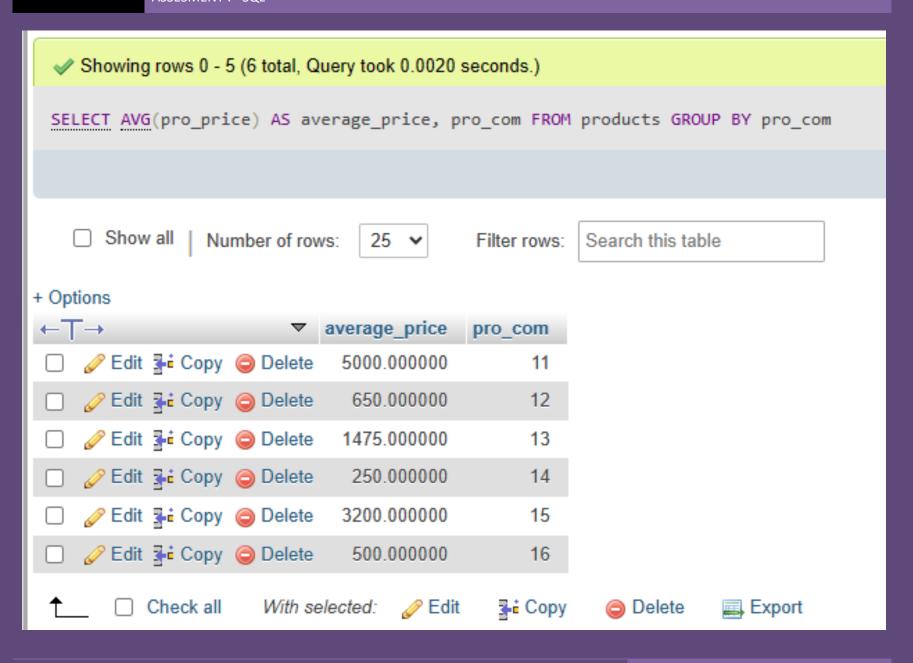
• Write the SQL query to calculate the average price of the items for each company. Return average price and company code.

:-:-

SELECT AVG(pro_price) AS average_price, pro_com

FROM product

GROUP BY pro_com;



• Write the SQL query to find the average total for all the product mention in the table.

SELECT AVG(pro_price) AS average_total_price FROM product;

✓ Showing rows 0 - 0 (1 total, Query took 0.0017 seconds.)									
SELECT AVG(pro_price) AS average_total_price FROM products									
☐ Show all Number of rows: 25 ➤ Filter rows:	Search this table								
+ Options									
average_total_price 1435.000000									
☐ Show all Number of rows: 25 ✔ Filter rows:	Search this table								