

Assessment : 3 SQL DATABASE

`SELECT * FROM `product``

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Extra options

pro_id	pro_name	pro_price	pro_com
101	mother board	3200	11
102	key board	450	13
103	zip drive	550	12
104	speaker	3500	22
105	monitor	3000	44
105	dvd drive	350	33
109	cd drive	230	12
130	printer	2700	13
110	refill cartridge	250	14
123	mouse	200	15

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A) 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

Ans:

```
SELECT pro_name, pro_price
FROM products
WHERE pro_price >= 250
ORDER BY pro_price DESC, pro_name ASC;
```

B) Write a sql query to find the cheapest item. Return pro_name and pro_price.

Ans:

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

C) Write the sql query to calculate the average price of the items for each company. Return average price and company code.

Ans:

```
SELECT company_code, AVG(pro_price) AS avg_price
FROM products
GROUP BY company_code;
```

D) Write the sql query to find the average total for all the product mention in the table

Ans:

```
SELECT AVG(pro_price) AS avg_total
FROM products;
```