Database assessment

PRO_ID	PRO_NAME	PRO_PRICE	PRO_COM
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

```
1  use mydata;
2  create table computer(Pro_id int,pro_name varchar(20),Pro_price DECIMAL(10,2),pro_com int);
3  insert into computer values(101,'Mother board',3200.00,15);
4  insert into computer values(102,'key board',450.00,16);
5  insert into computer values(103,'zip drive',250.00,14);
6  insert into computer values(104,'speaker',550.00,16);
7  insert into computer values(105,'Monitor',5000.00,11);
8  insert into computer values(106,'DVD drive',900.00,12);
9  insert into computer values(107,'CD Drive',800.00,12);
10 insert into computer values(108,'Printer',2600.00,13);
11 insert into computer values(109,'Refill cartridge',350.00,13);
12 insert into computer values(110,'Mouse',250.00,12);
13 select * from computer;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Pro_id	pro_name	Pro_price	pro_com
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

- 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.

```
1 •  select * from products;
2 •  SELECT Pro_name, Pro_price
3    FROM products
4    WHERE pro_price >= 250
5    ORDER BY pro_price DESC, pro_name ASC;
6
```

Result Grid | Filter Rows: | Export:

Pro_name	Pro_price
Monitor	5000.00
Mother board	3200.00
Printer	2600.00
DVD drive	900.00
CD Drive	800.00
speaker	550.00
key board	450.00
Refill cartridge	350.00
Mouse	250.00
zip drive	250.00

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

```
1 •  SELECT pro_name, pro_price
2    FROM products
3    ORDER BY pro_price ASC
4    LIMIT 2;
```

Result Grid | Filter Rows:

pro_name	pro_price
Mouse	250.00
zip drive	250.00

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

```
1 •  SELECT Pro_com, AVG(pro_price) AS average_price
2    FROM products
3    GROUP BY Pro_com;
```

Result Grid | Filter Rows: | Export: | Wrap Ce

Pro_com	average_price
15	3200.000000
16	500.000000
14	250.000000
11	5000.000000
12	650.000000
13	1475.000000

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

```
1 •  SELECT AVG(Pro_com) AS average_total
2    FROM products;
3
```

Result Grid | Filter Rows: | Export:

average_total
13.4000