MODULE : 5 (DATABASE) TASK

1. Write SQL query to solve the problem given below

QUERY:

Ans:-

```
use assessment;
```

Create Table:

```
create table product(pro_id int(5),pro_name varchar(30),pro_price float(10),pro_com int(10));
```

Data Insert:

```
insert into product(pro_id,pro_name,pro_price,pro_com)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);
```

1.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;
```

2. 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;
```

3. 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;
```

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

```
SELECT AVG(pro_price) AS average_total
FROM product;
```