Assessment-3
Database

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 .

Code:

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

	pro_name 2	pro_price 1
Edit Copy Delete	Monitor	5000
Edit Copy Delete	Mother Board	3200
Edit Copy Delete	Printer	2600
Edit Copy Delete	DVD drive	900
Edit Copy Delete	CD drive	800
Edit Copy Delete	Speaker	550
Edit Copy Delete	key board	450
Edit Copy Delete	Refill cartridge	350
Edit Copy Delete	Mouse	250
Edit Copy Delete	ZIP Drive	250

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

Code:

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

	pro_name	pro_price
Edit Copy Delete	ZIP Drive	250

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

Code:

```
SELECT AVG(pro_price) AS average_price, pro_code
FROM product
GROUP BY pro_code;
```

	average_price	pro_code
Edit Copy Delete	5000.0000	11
Edit Copy Delete	650.0000	12
Edit Copy Delete	1475.0000	13
Edit Copy Delete	250.0000	14
Edit Copy Delete	3200.0000	15
Edit Copy Delete	500.0000	16

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

Code:

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

average_product_price
1435.0000