**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;

1. 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;

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;

1. 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;