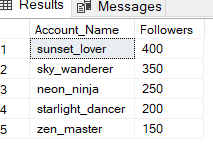
**Task 1.** Write a query to fetch all users' account names and their number of followers, sorted in descending order by the number of followers.

Query: **select Account\_Name,Followers from user\_data order by Followers desc;**

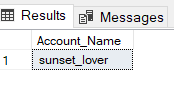
Output Screenshot:



**Task 2.** Write a query to retrieve the account names of all female users who joined before 2020.

Query: **select Account\_Name from user\_data where Gender='Female' and Date\_Joined < '2020-01-01';**

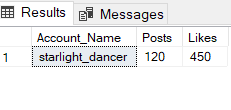
Output Screenshot:



**Task 3.** Write a query to find all users who have more than 100 posts and less than 500 likes.

Query: **select Account\_Name,Posts,Likes from user\_data where Posts>100 and Likes<500;**

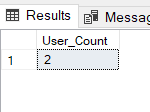
Output Screenshot:



**Task 4.** Write a query to count the number of users who joined after January 1st, 2020.

Query: **select count(\*) as User\_Count from user\_data where Date\_Joined>'2020-01-01';**

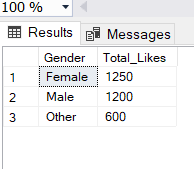
Output Screenshot:



**Task 5.** Write a query to group users by gender and show the total number of likes per gender.

Query: **select Gender,sum(Likes) as Total\_Likes from user\_data group by Gender**

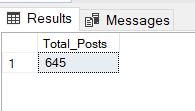
Output Screenshot:



**Task 6.** Write a query to find the total number of posts made by all users combined.

Query: **select sum(Posts) as Total\_Posts from user\_data**

Output Screenshot:

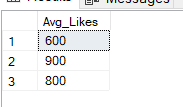


**Task 7.** Write a query to find the average number of likes for users with more than 200 followers.

Query: **SELECT AVG(Likes) AS Avg\_Likes FROM user\_data WHERE Followers > 200**

**GROUP BY Followers;**

Output Screenshot:



**Task 8.** Write a query to retrieve the account names and likes of the top 3 users with the most likes.

**Query: select top 3 Account\_Name,Likes from user\_data order by Likes Desc;**

Output Screenshot:

