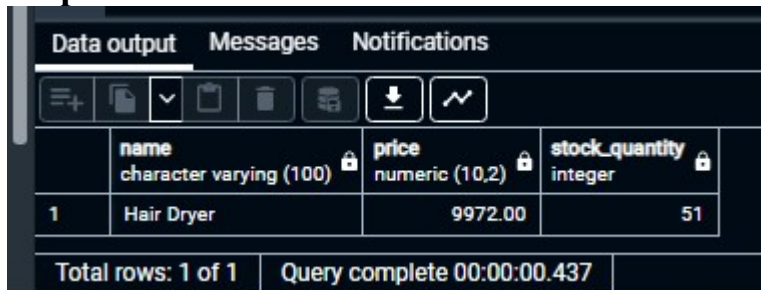**VERSION: 1**
DBMS
ASSIGNMENT: 2
202412012
JAYESH S CHAUHAN

1. **Find the name, price and stock of the most expensive product.**

Query:
SELECT name, price, stock_quantity FROM "EC_DB".products
WHERE price = (SELECT MAX(price) FROM
"EC_DB".products);

Output:

	name character varying (100)	price numeric (10,2)	stock_quantity integer
1	Hair Dryer	9972.00	51

Total rows: 1 of 1   Query complete 00:00:00.437

2. **Get the total number of orders placed by each user.**

Query:
SELECT user_id, COUNT(order_id) AS total_orders FROM
"EC_DB".orders GROUP BY user_id ORDER BY user_id;

Output:

	user_id integer	total_orders bigint
1	1	1
2	2	1
3	3	1
4	8	4
5	10	2
6	11	1
7	12	1
8	15	2
9	16	2
10	17	1

Total rows: 65 of 65   Query complete 00:00:00.427

3. Find the product with the highest number of reviews.
Query:
Output:

4. Get the average rating of each product.

Query:
SELECT product_id, avg(rating) AS avg_rating FROM "EC_DB".reviews GROUP BY product_id;

Output: