

Assignment – 2 (13/8/2024)

DBMS (Practical)

Q1. Find the name, price and stock of the most expensive product.

select name,price,stock_quantity from products where price = (select max(price) from products);

The screenshot shows a database query interface with a 'Query' tab and a 'Query History' tab. The query is: `1 select name,price,stock_quantity from products where price = (select max(price) from products);`. The 'Data output' tab is active, displaying a table with 3 columns: 'name' (character varying (100)), 'price' (numeric (10,2)), and 'stock_quantity' (integer). The table contains one row: '1 Hair Dryer 9972.00 51'. The status bar at the bottom indicates 'Total rows: 1 of 1', 'Query complete 00:01:57.849', and 'Ln 1, Col 96'.

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

Total rows: 1 of 1 Query complete 00:01:57.849 Ln 1, Col 96

Q2. Get the total number of orders placed by each user.

select username, count(*) as Total_orders FROM users JOIN orders ON users.user_id = orders.user_id GROUP BY username;

The screenshot shows a database query interface with a 'Query' tab and a 'Query History' tab. The query is: `1 select username, count(*) as Total_orders FROM users
2 JOIN orders ON users.user_id = orders.user_id GROUP BY username;`. The 'Data output' tab is active, displaying a table with 2 columns: 'username' (character varying (50)) and 'total_orders' (bigint). The table contains 11 rows of data. The status bar at the bottom indicates 'Total rows: 65 of 65', 'Query complete 00:00:00.122'.

	username character varying (50)	total_orders bigint
1	raushlok	1
2	ravalyuvraj	2
3	vivaanandra	1
4	rbhardwaj	1
5	umangdin	1
6	rohandactor	1
7	chaudharytiya	2
8	ela98	2
9	ritvikjha	2
10	divijdevan	2
11	mohanlalbarad	1

Total rows: 65 of 65 Query complete 00:00:00.122