TASK-3

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Date- 26/06/2025

1. SELECT * FROM Users;

2. SELECT product_name, price, product_type FROM Products;

3. SELECT name, age, status FROM Users
   WHERE status = 'active' AND age > 30;

4. SELECT product_name, price FROM Products
   WHERE product_type = 'Subscription' OR price < 200;

```sql
22   -- Find products that are either subscriptions or priced under 200
23 ∨ SELECT product_name, price FROM Products
24   WHERE product_type = 'Subscription' OR price < 200;
25
```

Data Output | Messages | Notifications

	product_name character varying (100)	price numeric (10,2)
1	Monthly Subscription	299.00
2	Monthly Plan	499.00
3	Yearly Plan	3999.00
4	Focus Booster	199.00
5	Weekly Plan	149.00
6	Full Access	5999.00
7	Intro Pack	99.00
8	Monthly Plan	499.00
9	Yearly Plan	3999.00
10	Focus Booster	199.00
11	Weekly Plan	149.00
12	Full Access	5999.00
13	Intro Pack	99.00

Showing rows: 1 to 13 — Page No: 1 of 1

Total rows: 13   Query complete 00:00:00.122   LF   Ln 25, Col 1

5. SELECT exercise_name FROM Exercises
   WHERE exercise_name LIKE '%Match%';

```sql
26   -- Find exercises whose name contains the word 'Match'
27 ∨ SELECT exercise_name FROM Exercises
28   WHERE exercise_name LIKE '%Match%';
29
```

Data Output | Messages | Notifications

	exercise_name character varying (100)
1	Speed Match
2	Speed Match
3	Speed Match
4	Speed Match

Total rows: 4   Query complete 00:00:00.103
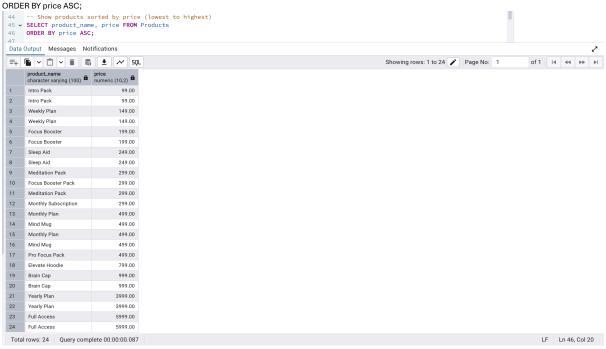
6. SELECT name, age FROM Users
   WHERE age BETWEEN 25 AND 40;

```sql
30   -- Get users whose age is between 25 and 40
31 ∨ SELECT name, age FROM Users
32   WHERE age BETWEEN 25 AND 40;
33
```

Data Output | Messages | Notifications

	name character varying (100)	age integer
1	Amit Sen	28
2	Priya Das	34
3	Sneha Paul	27
4	Kabir Mehta	30
5	Tanya Bansal	25
6	Vikram Shah	40
7	Nisha Agarwal	32
8	Arjun Kapoor	29
9	Neha Verma	35

Total rows: 9   Query complete 00:00:00.085

7. SELECT name, email, join_date FROM Users
    ORDER BY join_date DESC;

```
40    -- List users sorted by join_date (newest first)
41  v SELECT name, email, join_date FROM Users
42    ORDER BY join_date DESC;
43
```

Data Output | Messages | Notifications

	name character varying (100) 🔒	email character varying (100) 🔒	join_date date 🔒
1	Neha Verma	neha@example.com	2023-10-05
2	Arjun Kapoor	arjun@example.com	2023-09-30
3	Nisha Agarwal	nisha@example.com	2023-08-22
4	Vikram Shah	vikram@example.com	2023-07-19
5	Tanya Bansal	tanya@example.com	2023-06-25
6	Kabir Mehta	kabir@example.com	2023-05-18
7	Sneha Paul	sneha@example.com	2023-04-20
8	Rahul Roy	rahul@example.com	2023-03-15
9	Priya Das	priya@example.com	2023-02-12
10	Amit Sen	amit@example.com	2023-01-10

Total rows: 10   Query complete 00:00:00.122

8. SELECT product_name, price FROM Products
    ORDER BY price ASC;

```
44    -- Show products sorted by price (lowest to highest)
45  v SELECT product_name, price FROM Products
46    ORDER BY price ASC;
47
```

Data Output | Messages | Notifications

Showing rows: 1 to 24   Page No: 1   of 1

	product_name character varying (100) 🔒	price numeric (10,2) 🔒
1	Intro Pack	99.00
2	Intro Pack	99.00
3	Weekly Plan	149.00
4	Weekly Plan	149.00
5	Focus Booster	199.00
6	Focus Booster	199.00
7	Sleep Aid	249.00
8	Sleep Aid	249.00
9	Meditation Pack	299.00
10	Focus Booster Pack	299.00
11	Meditation Pack	299.00
12	Monthly Subscription	299.00
13	Monthly Plan	499.00
14	Mind Mug	499.00
15	Monthly Plan	499.00
16	Mind Mug	499.00
17	Pro Focus Pack	499.00
18	Elevate Hoodie	799.00
19	Brain Cap	999.00
20	Brain Cap	999.00
21	Yearly Plan	3999.00
22	Yearly Plan	3999.00
23	Full Access	5999.00
24	Full Access	5999.00

Total rows: 24   Query complete 00:00:00.087   LF   Ln 46, Col 20

9. SELECT name, age FROM Users
    WHERE status = 'active' AND age BETWEEN 25 AND 40 AND name LIKE 'A%'
    ORDER BY age;

```
54    -- Get active users aged 25-40 whose name starts with 'A', sorted by age
55  v SELECT name, age FROM Users
56    WHERE status = 'active' AND age BETWEEN 25 AND 40 AND name LIKE 'A%'
57    ORDER BY age;
58
```

Data Output | Messages | Notifications

	name character varying (100) 🔒	age integer 🔒
1	Amit Sen	28

Total rows: 1   Query complete 00:00:00.124