

TASK-3

Name- Apurba Adhikari
Date- 26/06/2025

1. SELECT * FROM Users;

Data Output Messages Notifications

Showing rows: 1 to 10 Page No: 1 of 1

	user_id [PK] integer	name character varying (100)	email character varying (100)	age integer	gender character varying (15)	join_date date	status character varying (20)
1	1	Amit Sen	amit@example.com	28	Male	2023-01-10	active
2	2	Priya Das	priya@example.com	34	Female	2023-02-12	inactive
3	3	Rahul Roy	rahul@example.com	22	Male	2023-03-15	banned
4	4	Sneha Paul	sneha@example.com	27	Female	2023-04-20	on hold
5	5	Kabir Mehta	kabir@example.com	30	Male	2023-05-18	active
6	6	Tanya Bansal	tanya@example.com	25	Female	2023-06-25	active
7	7	Vikram Shah	vikram@example.com	40	Male	2023-07-19	inactive
8	8	Nisha Agarwal	nisha@example.com	32	Female	2023-08-22	active
9	9	Arjun Kapoor	arjun@example.com	29	Male	2023-09-30	banned
10	10	Neha Verma	neha@example.com	35	Female	2023-10-05	active

Total rows: 10 Query complete 00:00:00.105 LF Ln 7, Col 21

2. SELECT product_name, price, product_type FROM Products;

```
9 -- Select specific columns from the Products table
10 SELECT product_name, price, product_type FROM Products;
11
```

Data Output Messages Notifications

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

	product_name character varying (100)	price numeric (10,2)	product_type character varying (30)
1	Pro Focus Pack	499.00	One-time
2	Monthly Subscription	299.00	Subscription
3	Elevate Hoodie	799.00	Merchandise
4	Focus Booster Pack	299.00	One-time
5	Monthly Plan	499.00	Subscription
6	Yearly Plan	3999.00	Subscription
7	Focus Booster	199.00	One-time
8	Meditation Pack	299.00	One-time
9	Brain Cap	999.00	Merchandise
10	Mind Mug	499.00	Merchandise
11	Weekly Plan	149.00	Subscription
12	Full Access	5999.00	Subscription
13	Intro Pack	99.00	One-time
14	Sleep Aid	249.00	One-time
15	Monthly Plan	499.00	Subscription
16	Yearly Plan	3999.00	Subscription
17	Focus Booster	199.00	One-time
18	Meditation Pack	299.00	One-time
19	Brain Cap	999.00	Merchandise
20	Mind Mug	499.00	Merchandise
21	Weekly Plan	149.00	Subscription
22	Full Access	5999.00	Subscription
23	Intro Pack	99.00	One-time
24	Sleep Aid	249.00	One-time

Total rows: 24 Query complete 00:00:00.086 LF Ln 10, Col 1

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

```
18 -- Get users who are active and older than 30
19 SELECT name, age, status FROM Users
20 WHERE status = 'active' AND age > 30;
21
```

Data Output Messages Notifications

Showing rows: 1 to 2 Page No: 1 of 1

	name character varying (100)	age integer	status character varying (20)
1	Nisha Agarwal	32	active
2	Neha Verma	35	active

Total rows: 2 Query complete 00:00:00.086 LF Ln 21, Col 1

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

Data Output Messages Notifications

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

|    | product_name<br>character varying (100) | price<br>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                   |

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%';`
- ```
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;`

```
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