

Assignment Tasks Creation

Question 1. Retrieve a list of user information with their name and date of registration who uses android phones. First look at the structure of the user_info table in database and then write your query.

Step 1: First look at the structure of the user_info table

SQL Queries:

```
SELECT * FROM USER_INFO;
```

Output:

id	Registration_Date	Name	Phone	Operating_System	Otp_Verified	City_Id
1	30-07-2023 12:34	John Doe	1234567890	Android	1	1
2	29-07-2023 09:45	Jane Smith	9876543210	iOS	1	2
3	28-07-2023 15:23	Michael Johnson	5555555555	Android	1	3
4	27-07-2023 18:12	Emily Williams	7777777777	iOS	0	4
5	26-07-2023 11:22	Robert Brown	8888888888	Android	1	5
6	25-07-2023 09:08	Linda Miller	2222222222	iOS	1	5
7	24-07-2023 17:19	David Davis	3333333333	Android	1	1
8	23-07-2023 14:25	Sarah Wilson	4444444444	iOS	0	6
9	22-07-2023 16:18	Richard Lee	6666666666	Android	1	7
10	21-07-2023 20:37	Karen Allen	9999999999	iOS	1	7
11	20-07-2023 22:09	Kevin Hall	1111111111	Android	1	7
12	19-07-2023 19:55	Jennifer Clark	3333344444	iOS	0	10
13	18-07-2023 08:24	James Turner	4444433333	Android	1	9
14	17-07-2023 06:30	Susan Hill	9876543221	iOS	1	10
15	16-07-2023 23:57	Matthew Cooper	2345678910	Android	1	3
16	15-07-2023 12:45	Amanda Roberts	3216549870	iOS	1	1
17	14-07-2023 14:19	Daniel Evans	9998887777	Android	0	2
18	13-07-2023 16:33	Elizabeth King	7779988888	iOS	1	3
19	12-07-2023 18:56	Thomas Adams	7777777777	Android	1	7
20	11-07-2023 22:05	Jessica Cook	8888888888	iOS	1	2
21	10-07-2023 10:34	Charles Morgan	2222222222	Android	0	3
22	09-07-2023 09:22	Rebecca Bailey	3333333333	iOS	1	1
23	08-07-2023 21:10	Andrew James	4444444444	Android	1	2
24	07-07-2023 14:35	Karen Phillips	6666666666	iOS	1	3
25	06-07-2023 12:08	Joseph Scott	9999999999	Android	0	1
26	05-07-2023 20:15	Laura Turner	1111111111	iOS	1	2
27	04-07-2023 19:23	Michael Hall	2222222222	Android	1	3
28	03-07-2023 08:45	Stephanie White	3333333333	iOS	1	1
29	02-07-2023 11:34	Jason Allen	4444444444	Android	0	2
30	01-07-2023 15:12	Kimberly Green	5555555555	iOS	1	3
31	30-06-2023 22:18	Christopher Lewis	6666666666	Android	1	1
32	29-06-2023 19:30	Anna Turner	7777777777	iOS	1	2
33	28-06-2023 13:25	Mark Harris	8888888888	Android	1	3
34	27-06-2023 16:29	Maria Martinez	9999999999	iOS	1	5
35	26-06-2023 11:14	Matthew Allen	1111111111	Android	0	5
36	25-06-2023 21:10	Michelle Lee	2222222222	iOS	1	5
37	24-06-2023 09:50	William Turner	3333333333	Android	1	1
38	23-06-2023 12:45	Patricia Scott	4444444444	iOS	1	5
39	22-06-2023 16:18	John Smith	5555555555	Android	1	3
40	21-06-2023 18:30	Emily Davis	6666666666	iOS	0	1

Question 2. Edit your query above to find out users who have registered on or after 14th of july and sort the list of users in ascending order.

SQL Queries:

```
SELECT NAME, REGISTRATION_DATE
FROM USER_INFO
WHERE OPERATING_SYSTEM = 'ANDROID'
AND REGISTRATION_DATE >= '2023-07-14'
ORDER BY REGISTRATION_DATE ASC;
```

Output:

NAME	REGISTRATION_DATE
Daniel Evans	14-07-2023 14:19
Matthew Cooper	16-07-2023 23:57
James Turner	18-07-2023 08:24
Kevin Hall	20-07-2023 22:09
Richard Lee	22-07-2023 16:18
David Davis	24-07-2023 17:19
Robert Brown	26-07-2023 11:22
Michael Johnson	28-07-2023 15:23
John Doe	30-07-2023 12:34

Step 2: Retrieve a list of user information with their name and date of registration who uses Android phones.

SQL Queries:

```
SELECT NAME, REGISTRATION_DATE
FROM USER_INFO
WHERE OPERATING_SYSTEM = 'ANDROID';
```

Output:

NAME	REGISTRATION_DATE
John Doe	30-07-2023 12:34
Michael Johnson	28-07-2023 15:23
Robert Brown	26-07-2023 11:22
David Davis	24-07-2023 17:19
Richard Lee	22-07-2023 16:18
Kevin Hall	20-07-2023 22:09
James Turner	18-07-2023 08:24
Matthew Cooper	16-07-2023 23:57
Daniel Evans	14-07-2023 14:19
Thomas Adams	12-07-2023 18:56
Charles Morgan	10-07-2023 10:34
Andrew James	08-07-2023 21:10
Joseph Scott	06-07-2023 12:08
Michael Hall	04-07-2023 19:23
Jason Allen	02-07-2023 11:34
Christopher Lewis	30-06-2023 22:18
Mark Harris	28-06-2023 13:25
Matthew Allen	26-06-2023 11:14
William Turner	24-06-2023 09:50
John Smith	22-06-2023 16:18