Programming Fundamentals of Analytics

CRN - 12794

Assignment one - MySQL

TOPIC: IG_CLONE_DATA

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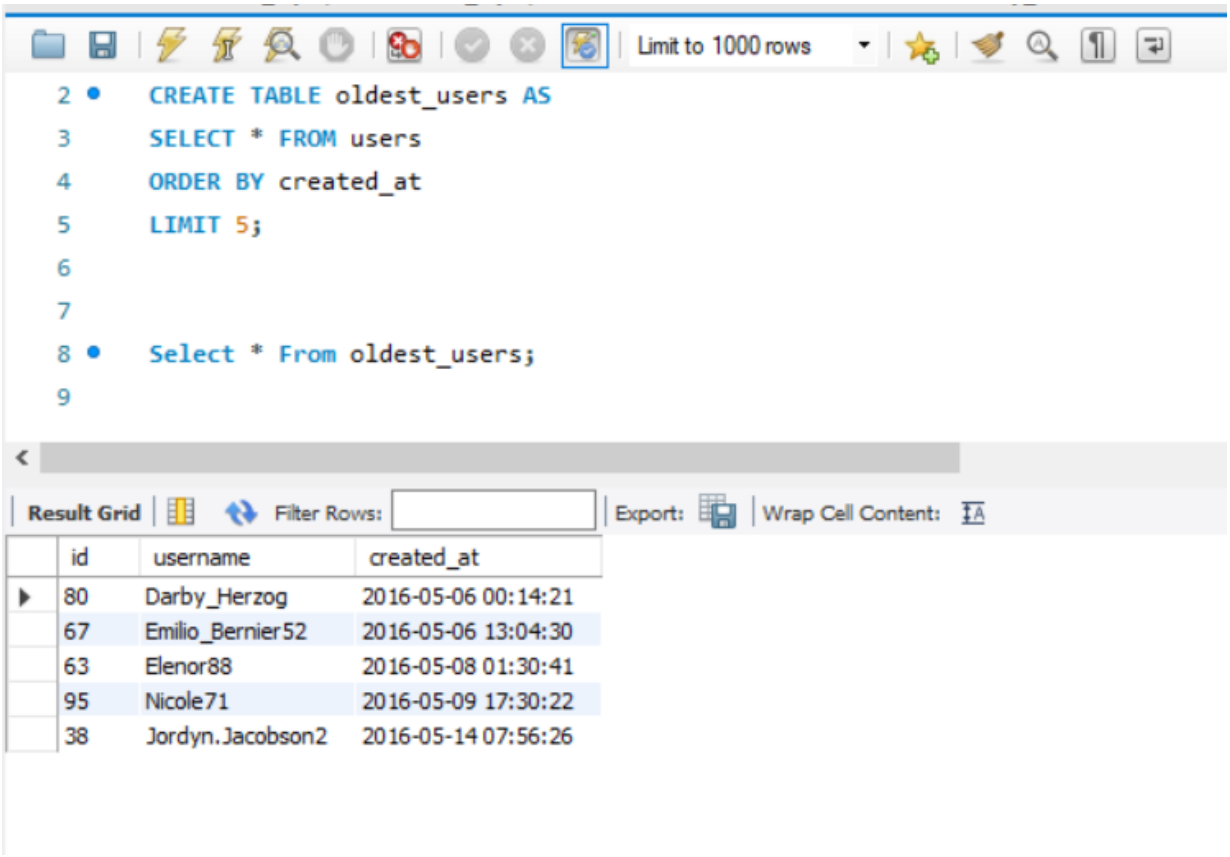
COLLEGE ID: 101539669

DATE: 28/09/24

Q1. Store the 5 oldest users in a table



```
2 •  CREATE TABLE oldest_users AS
3    SELECT * FROM users
4    ORDER BY created_at
5    LIMIT 5;
6
7
8 •  Select * From oldest_users;
9
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

id	username	created_at
80	Darby_Herzog	2016-05-06 00:14:21
67	Emilio_Bernier52	2016-05-06 13:04:30
63	Elenor88	2016-05-08 01:30:41
95	Nicole71	2016-05-09 17:30:22
38	Jordyn.Jacobson2	2016-05-14 07:56:26

Q2. Store the two days with the most registrations

```
10
11 •  CREATE TABLE top_registration_days AS
12    SELECT
13     DAYNAME(created_at) AS day,
14     COUNT(*) AS total
15    FROM users
16    GROUP BY day
17    ORDER BY total DESC
18    LIMIT 2;
19
20 •  Select * from top_registration_days;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

day	total
Thursday	16
Sunday	16

Q3 Store the usernames of users who have never uploaded a photo

```
21
22
23 •  drop table no_photos_users;
24
25 •  CREATE TABLE no_photos_users AS
26    SELECT username
27    FROM users
28    left JOIN photos
29     ON users.id = photos.user_id
30    WHERE photos.id IS NULL;
31
32 •  Select * from no_photos_users;
33
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

username
Nia_Haag
Ollie_Ledner37
Pearl7
Rocio33
Tierra.Trantow

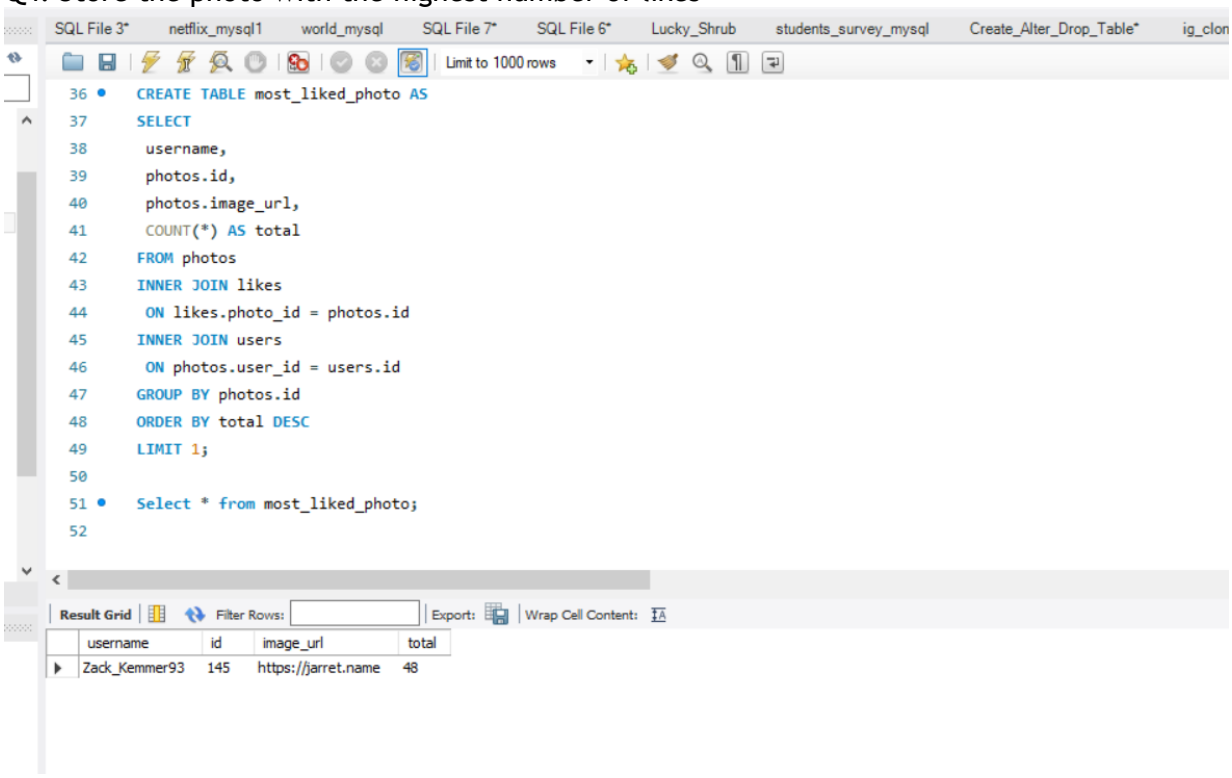
no_photos_users 8 | Read Only | Context Help | Snippets

Output

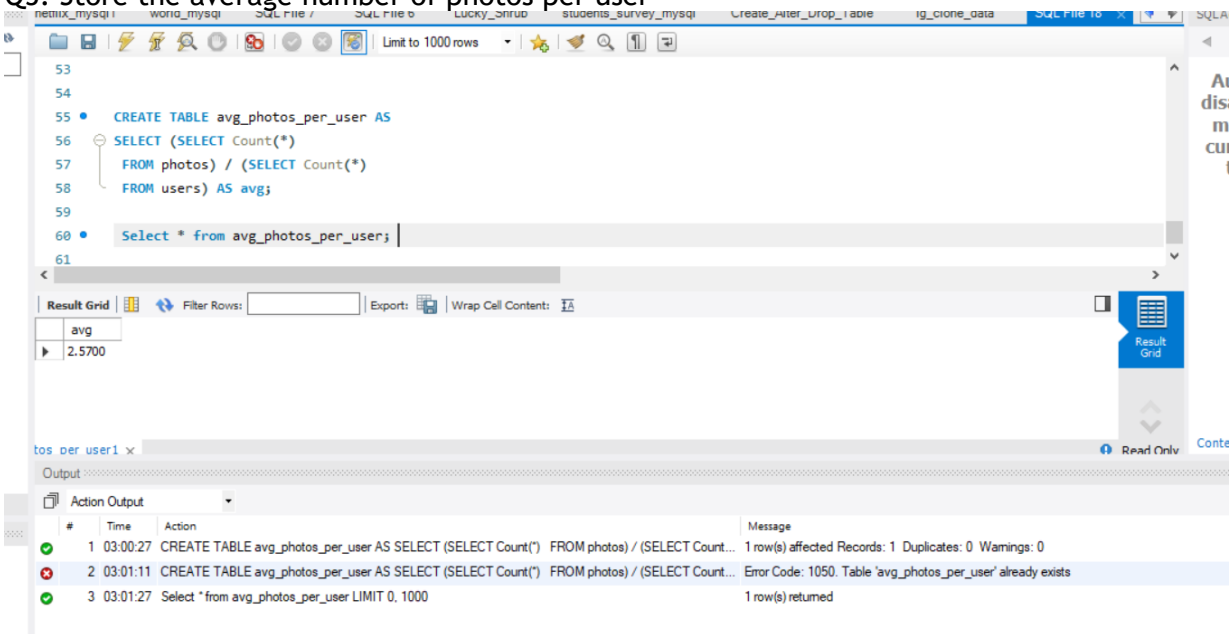
Action Output

#	Time	Action	Message	Duration / Fetch
48	20:29:45	Select * from no_photos_users LIMIT 0, 1000	26 row(s) returned	0.000 sec / 0.000 sec

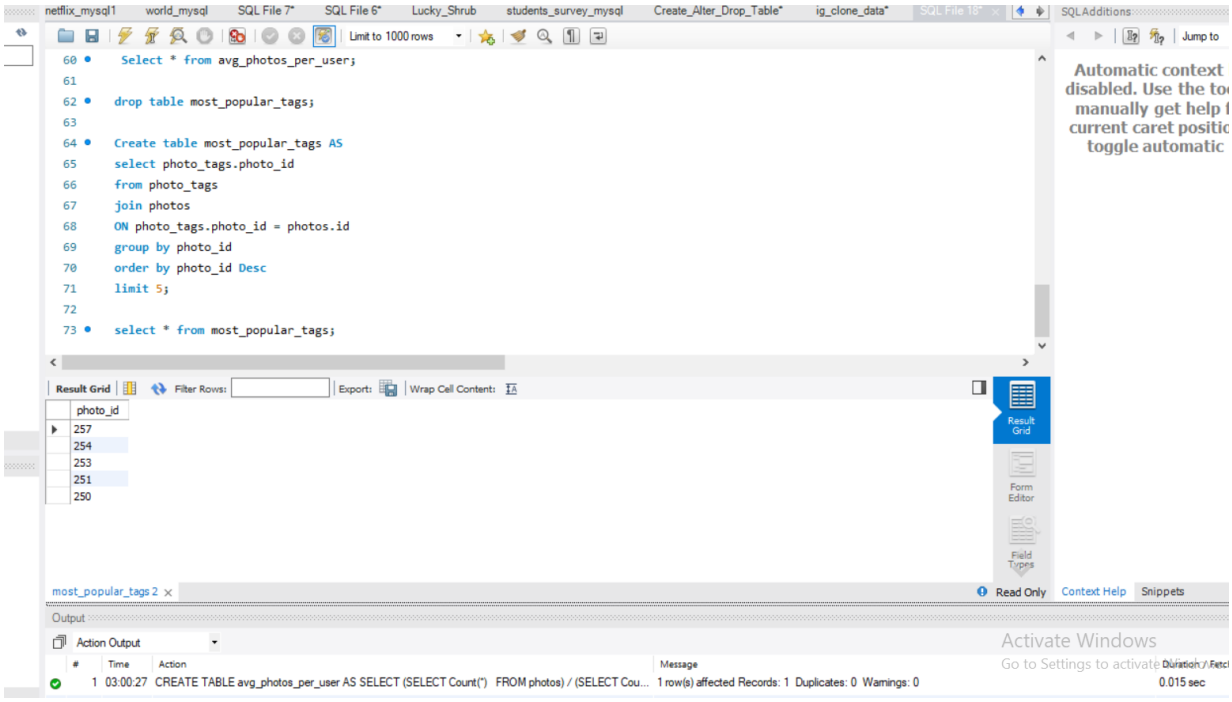
Q4. Store the photo with the highest number of likes



Q5. Store the average number of photos per user



Q6. Store the top 5 most popular tags used in photos



Q7. Store the usernames of users who have given exactly as many likes as there are total photos