```
use ig_clone;
A.
1. select * from users
order by created_at
limit 5;

2. SELECT *
FROM users
where id not in (select distinct user_id from photos )
order by id;

3. select user_id,max(photo_id)as max_likes from likes
group by user_id
order by max_likes desc
limit 0;

4. select tag_id ,count(*) as counts from photo_tags
group by tag_id
order by counts desc
limit 5;

5. select dayname(created_at) as days,count(*) as counts from users
group by days
order by counts desc
limit 1;
B.
1. -- Calculate the average number of posts per user
SELECT COUNT(*) / COUNT(DISTINCT user_id) AS average_posts_per_user
FROM photos;

-- Calculate the total number of photos on Instagram divided by the total number of users
```

```
SELECT COUNT(*) AS total_photos, COUNT(DISTINCT user_id) AS total_users,
      COUNT(*) / COUNT(DISTINCT user_id) AS photos_per_user_average
FROM photos;


2. SELECT user_id
FROM (
   SELECT l.user_id, COUNT(*) AS total_likes
   FROM likes l
   JOIN photos p ON l.photo_id = p.id
   GROUP BY l.user_id
) AS user_likes
WHERE total_likes = (SELECT COUNT(*) FROM photos);
```