```
-- 3. Определить кто больше поставил лайков (всего) – мужчины или
женщины?

SELECT
      (SELECT gender FROM profiles WHERE user_id = likes.user_id)
AS gender,
      COUNT(*) AS total
    FROM likes
    GROUP BY gender
    ORDER BY total DESC
    LIMIT 1;

-- JOIN
SELECT
      gender,
      COUNT(gender) AS  'sum'
FROM
    likes
INNER JOIN profiles
    ON likes.user_id = profiles.user_id
GROUP BY gender
LIMIT 1;

-- 4. Вывести для каждого пользователя количество созданных
сообщений, постов, загруженных медиафайлов и поставленных лайков.


SELECT CONCAT(u.last_name, ' ', u.first_name) AS user_name,
(SELECT COUNT(*) FROM messages AS m WHERE m.from_user_id = u.id)
AS messages,
(SELECT COUNT(*) FROM posts AS p WHERE p.user_id = u.id) AS posts,
(SELECT COUNT(*) FROM media AS m WHERE m.user_id = u.id) AS
mediafiles,
(SELECT COUNT(*) FROM likes AS l WHERE l.user_id = u.id) AS likes
FROM users AS u;

-- JOIN

SELECT
      users.id,
      CONCAT(first_name, ' ', last_name) AS user_name,
      COUNT(DISTINCT messages.id) AS messages,
      COUNT(DISTINCT posts.id) AS posts,
      COUNT(DISTINCT media.id) AS mediafiles,
      COUNT(DISTINCT likes.id) AS likes
FROM users
      LEFT JOIN messages
          ON users.id = messages.from_user_id
      LEFT JOIN posts
          ON users.id = posts.user_id
      LEFT JOIN media
          ON users.id = media.user_id
```

```sql
        LEFT JOIN likes
            ON users.id = likes.user_id
GROUP BY users.id;
```

-- 5.(по желанию) Подсчитать количество лайков которые получили 10
самых последних сообщений.

```sql
SELECT SUM(likes_total) FROM
(SELECT
    (SELECT COUNT(*) FROM likes
        WHERE target_id  = messages.id AND target_type =
'messages') AS likes_total
    FROM messages
    ORDER BY created_at DESC
    LIMIT 10) AS messages_likes;
```

-- JOIN

```sql
SELECT
    SUM(total_likes) sum_likes
FROM
    (SELECT COUNT(likes.target_id) total_likes
        FROM likes
            RIGHT JOIN messages
                ON messages.id = likes.target_id AND
likes.target_type = 'messages'
        GROUP BY messages.id
        ORDER BY messages.created_at DESC LIMIT 10) AS likes;
```