

Day 04

Popularity of Hack

Meta/Facebook has developed a new programming language called Hack.To to measure the popularity of Hack they ran a survey with their employees. The survey included data on previous programming familiarity as well as the number of years of experience, age, gender and most importantly satisfaction with Hack. Due to an error location data was not collected, but your supervisor demands a report showing average popularity of Hack by office location. Luckily the user IDs of employees completing the surveys were stored.

Based on the above, find the average popularity of the Hack per office location. Output the location along with the average popularity.

Tables: facebook_employees, facebook_hack_survey

```
SELECT
    facebook_employees.location as location,
    avg facebook_hack_survey.popularity as avg_popularity
FROM facebook_employees
INNER JOIN facebook_hack_survey
ON facebook_employees.id = facebook_hack_survey.employee_id
GROUP BY facebook_employees.location
```

Customer Details

Find the details of each customer regardless of whether the customer made an order. Output the customer's first name, last name, and the city along with the order details.

You may have duplicate rows in your results due to a customer ordering several of the same items. Sort records based on the customer's first name and the order details in ascending order.

Tables: customers, orders

```
SELECT
    first_name,
    last_name,
    city,
```

```
    order_details
  From
    customers
  LEFT JOIN orders ON customers.id = orders.cust_id
  ORDER BY first_name, order_details;
```

Order Details

Find order details made by Jill and Eva.

Consider the Jill and Eva as first names of customers.

Output the order date, details and cost along with the first name.

Order records based on the customer id in ascending order.

Tables: customers, orders

```
SELECT
  first_name,
  order_date,
  order_details,
  total_order_cost
FROM customers
INNER JOIN orders
ON customers.id = orders.cust_id
WHERE first_name in ("Jill", "Eva")
ORDER BY cust_id;
```