

# Hexaware Coding Challenge Plan Day - 13

## Problem - 1 Join

### HackerRank

Prepare > SQL > Advanced Join > 15 Days of Learning SQL

Exit Full Screen View

**Problem**

Julia conducted a 15 days of learning SQL contest. The start date of the contest was March 01, 2016 and the end date was March 15, 2016.

Write a query to print total number of unique hackers who made at least 1 submission each day (starting on the first day of the contest), and find the hacker\_id and name of the hacker who made maximum number of submissions each day. If more than one such hacker has a maximum number of submissions, print the lowest hacker\_id. The query should print this information for each day of the contest, sorted by the date.

**Input Format**

The following tables hold contest data:

- Hackers: The hacker\_id is the id of the hacker, and name is the name of the hacker.

Column	Type
hacker_id	Integer
name	String

- Submissions: The submission\_date is the date of the submission, submission\_id is the id of the submission, hacker\_id is the id of the hacker who made the submission, and score is the score of the submission.

**Test case 0**

Compiler Message

Success

Input (stdin)

1 INPUT

Expected Output

1 2016-03-01 112 81314 Denise  
2 2016-03-02 59 39091 Ruby  
3 2016-03-03 51 18105 Roy  
4 2016-03-04 49 533 Patrick

You have earned 50.00 points!

You are now 125 points away from the gold level for your sql badge.

38%

525/650

**Congratulations**

You solved this challenge. Would you like to challenge your friends?

Next Challenge

## Problem - 2 Aggregation

### HackerRank

Prepare > SQL > Aggregation > Revising Aggregations - The Count Function

Exit Full Screen View

**Problem**

Query a count of the number of cities in CITY having a Population larger than 100,000.

**Input Format**

The CITY table is described as follows:

Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

**Test case 0**

Compiler Message

Success

Input (stdin)

1

Expected Output

1 6

**Congratulations**

You solved this challenge. Would you like to challenge your friends?

Next Challenge

### Problem - 3 Aggregation

HackerRank
Prepare > SQL > Aggregation > Revising Aggregations - The Sum Function
Exit Full Screen View

**Problem**

Query the total population of all cities in **CITY** where District is **California**.

**Input Format**

The **CITY** table is described as follows:

CITY	
Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

**Solutions**

**Leaderboard**

**Submissions**

**Test Case Results**

## Congratulations

You solved this challenge. Would you like to challenge your friends? 
 [f](#) [t](#) [in](#)

[Next Challenge](#)

✔ **Test case 0**

**Compiler Message**

Success

**Input (stdin)** Download

```
↑
1
```

**Expected Output** Download

```
↑
339002
```

### Problem - 4 Aggregation

HackerRank
Prepare > SQL > Aggregation > Revising Aggregations - Averages
Exit Full Screen View

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Problem

Query the average population of all cities in **CITY** where District is **California**.

**Input Format**

The **CITY** table is described as follows:

CITY	
Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

Submissions

---

Leaderboard

## Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

[Next Challenge](#)

✔ Test case 0

Compiler Message

Success

Input (stdin)

[Download](#)

```
1
```

Expected Output

[Download](#)

```
1 113000.667
```

### Problem - 5 Aggregation

# HackerRank

[Prepare](#) > [SQL](#) > [Aggregation](#) > [Average Population](#)

Problem

Submissions

Leaderboard

Query the average population for all cities in **CITY**, rounded down to the nearest integer.

**Input Format**

The **CITY** table is described as follows:

CITY	
Field	Type
ID	NUMBER
NAME	VARCHAR2 ( 17 )
COUNTRYCODE	VARCHAR2 ( 3 )
DISTRICT	VARCHAR2 ( 20 )
POPULATION	NUMBER

Exit Full Screen View

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Next Challenge

Test case 0

Compiler Message

Success

Input (stdin) [Download](#)

1

Expected Output [Download](#)

1 454250