

Task #4

Create an account on <https://www.hackerrank.com> and solve two SQL problems there.

SQL problem1:

The screenshot shows the HackerRank interface for the challenge 'Revising the Select Query I'. At the top, there's a navigation bar with 'HackerRank', 'Prepare', 'Certify', and 'Compete' tabs. A search bar and user profile are on the right. Below the navigation bar, the challenge title 'Revising the Select Query I' is displayed with a star icon. A notification banner at the top states: 'Your Revising the Select Query I submission got 10.00 points. You are now 70 points away from the 1st star for your sql badge. Try the next challenge | Try a Random Challenge'. The main content area is divided into two columns. The left column contains the problem description: 'Query all columns for all American cities in the CITY table with populations larger than 388688. The CountryCode for America is USA. The CITY table is described as follows:'. Below this is a table for the CITY table structure:

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

The right column contains metadata about the challenge: Author (PRASHANT1984), Difficulty (Easy), Max Score (10), Submitted By (1543802), and a 'NEED HELP?' section with links to 'View discussions', 'View editorial', and 'View top submissions'. There's also a 'RATE THIS CHALLENGE' section with five stars and a 'MORE DETAILS' section with links to 'Download problem statement', 'Download sample test cases', and 'Suggest Edits'.

Soutlion

The screenshot shows the HackerRank solution page for the challenge 'Revising the Select Query I'. The browser address bar shows the URL: <https://www.hackerrank.com/challenges/revising-the-select-query/problem?isFullScreen=false>. The main content area is divided into two columns. The left column contains the problem description and the CITY table structure. The right column contains the solution. The solution is a SQL query: `SELECT * FROM CITY WHERE COUNTRYCODE = 'USA' AND POPULATION > 388688;`. Below the query, there's a 'Run Code' button and a 'Submit Code' button. The 'Submit Code' button is highlighted in green. Below the buttons, there's a 'Congratulations!' message: 'You have passed the sample test cases. Click the submit button to run your code against all the test cases.' Below this, there's a 'Sample Test case 0' section. It shows the 'Your Output (stdout)' and the 'Expected Output'. Both outputs are identical and list five cities: Scottsdale, Corona, Concord, Cedar Rapids, and Coral Springs, each with its country code and population.



You have earned 10.00 points!
You are now 70 points away from the 1st star for your sql badge.

13%

10/80

Congratulations

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

[Next Challenge](#)

Test case 0

Compiler Message

Success

Input (stdin)

1

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Expected Output

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```
1 3878 Scottsdale USA Arizona 202705
2 3965 Corona USA California 124966
3 3973 Concord USA California 121780
4 3977 Cedar Rapids USA Iowa 120758
5 3982 Coral Springs USA Florida 117549
```

SQL problems 2

Prepare > SQL > Basic Select > Revising the Select Query II

Revising the Select Query II ★

70 more points to get your first star!

Rank: 1604192 | Points: 10/80



Problem | Submissions | Leaderboard | Discussions | Editorial

Query the **NAME** field for all American cities in the **CITY** table with populations larger than 120000. The CountryCode for America is USA.

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

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

Author PRASHANTB1984
Difficulty Easy
Max Score 10
Submitted By 1449914

NEED HELP?

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RATE THIS CHALLENGE

★★★★★

MORE DETAILS

[Download problem statement](#)
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Solution:

MySQL

1 `SELECT NAME FROM CITY WHERE COUNTRYCODE = 'USA' AND POPULATION > 120000;`

Line: 1 Col: 48

[Upload Code as File](#)

[Run Code](#)[Submit Code](#)

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

Your Output (stdout)

1 **Scottsdale**

2 **Corona**

3 **Concord**

4 **Cedar Rapids**

Expected Output

1 **Scottsdale**

2 **Corona**

3 **Concord**

4 **Cedar Rapids**

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You have earned 10.00 points!
You are now 60 points away from the 1st star for your sql badge.

25%

20/80

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	
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Expected Output

[Download](#)

1	Scottsdale
2	Corona
3	Concord
4	Cedar Rapids