



CodeCrunch

[Home](#) | [My Courses](#) | [Browse Tutorials](#) | [Browse Tasks](#) | [Search](#) | [My Submissions](#) | [Logout](#) | Logged in as: **e0175527**

CS1010E Practice Exercise: Finding Repeats

Tags & Categories

Tags:

Categories:

Related Tutorials

Task Content

Finding Repeats

Given a sequence of digits, find the number of occurrences of repeating digits in the sequence.

For example,

- {1, 2, 3, 3, 4, 5, 5} has two occurrences of repeating digits {3, 3} and {5, 5}
- {1, 2, 3, 3, 4, 3, 3} has two occurrences of repeating digits {3, 3}
- {1, 2, 3, 3, 3, 4, 5} has one occurrence of repeat digits {3, 3, 3} only
- {1, 2, 3, 4, 5} has no occurrence of repeat digits

Write a program that reads in a sequence of digits and outputs the number of repeating digits.

The sequence of digits is to be read in the following format:

```
1 2 3 4 5 -1
```

Note that -1 terminates the sequence. Assume that the sequence is between 1 to 40 digits in length.

Sample Runs

The following are sample runs of the program. User input is underlined. Ensure that the last line of output is followed by a newline character.

- Sample run #1:

```
Enter sequence: 1 2 3 3 4 5 5 -1
Number of repeats: 2
```

- Sample run #2:

```
Enter sequence: 1 2 3 4 5 -1
Number of repeats: 0
```

Submission (Course)

Select course: ▼

Your Files:

SUBMIT (only .java, .c, .cpp and .h extensions allowed)

To submit multiple files, click on the Browse button, then select one or more files. The selected file(s) will be added to the upload queue. You can repeat this step to add more files. Check that you have all the files needed for your submission. Then click on the Submit button to upload your submission.

© Copyright 2009-2017 National University of Singapore. All Rights Reserved.
[Terms of Use](#) | [Privacy](#) | [Non-discrimination](#)

[MySoC](#) | [Computing Facilities](#) | [Search](#) | [Campus Map](#)
School of Computing, National University of Singapore