

Assignment 2

If-else Conditions

CEC – Computer Science

Instructor: M. Wolverton

Items Due

- Source Code for Positive-Negative-Neither

Instructions

Complete the coding directive in an IntelliJ IDEA project with the assignment name (e.g. Even-Odd-Neither) and package name ceccs. Login to the file server at cec-code-lab.aps.edu and create a folder with the assignment name (e.g. Assignment 2). Compress each completed project separately into a .zip file, then upload it to into the assignment folder. Code will be downloaded and archived for grading on the assignment due date.

Be careful to look at the specific requirements for each program!

Positive-Negative-Neither

Write a program where the user is asked for one numeric integer input. The program then determines whether the value is a positive number, a negative number or neither (zero is neither positive nor negative).

- Print some instructions and a welcome message
- Use an int variable to store the user's input.
- Use if-else conditions, comparisons and arithmetic to determine if the value is positive, negative or neither.
- Create a String variable to hold the output message. The output message should contain both the user's input and the classification
- Print the output message.

Sample Outputs

```
This program will classify integers as positive, negative or neither.  
Input an integer number.  
-237  
The value -237 is a negative number.
```

```
This program will classify integers as positive, negative or neither.  
Input an integer number.  
62  
The value 62 is a positive number.
```

```
This program will classify integers as positive, negative or neither.  
Input an integer number.  
0  
The value 0 is neither a positive nor a negative number.
```