CSCI-101 Programming I - Lab 3a

Important: If you have not completed the labs from last week, you must do so before starting this lab.

This lab is due by 5:00 p.m. Friday, September 8. This includes pushing your .java files to GitHub.

Setup

Log into cs.bridgewater.edu

Change your working directory to the **labs** directory in our shared git repository by issuing the following command while replacing USERNAME with your BC username.

```
$ cd github/USERNAME/csci101/labs
```

Make a directory in your **labs** directory named **lab3.**

```
$ mkdir lab3
```

Change your working directory to **lab3**.

```
$ cd lab3
```

Let's Code

Write a program in a file named **Sum.java** that asks the user to enter in two integers, reads the integers from the keyboard, and then prints **"Sum: "** followed by the sum of the two integers.

Write a program in a file named **Product.java** that asks the user to enter in two integers, reads the integers from the keyboard, and then prints **"Product: "** followed by the product of the two integers.

Write a program in a file named **Min.java** that asks the user to enter in two integers, reads the integers from the keyboard, and then prints **"Min: "** followed by the smallest of the two integers entered by the user.

Write a program in a file named **Max.java** that asks the user to enter in two integers, reads the integers from the keyboard, and then prints **"Max: "** followed by the largest of the two integers entered by the user.

Write a program in a file named **Abs.java** that asks the user to enter an integer, reads the integer from the keyboard, and then prints **"Abs: "** followed by the absolute value of the integer entered by the user.