CSCI-101 Programming I
Lab 4a

INSTRUCTIONS

Log into cs.bridgewater.edu. Change your working directory to your **labs** directory in your repository and make a directory named **lab4**. Change your working directory to **lab4**.

Inside the **lab4** directory create a file named **Lab4a.java**.

Inside the **Lab4a.java** file write a program that does the following:

1. Ask the user to enter an integer. Read the integer from the keyboard and print "Value is between 10 and 20" if the value is between 10 and 20 (inclusively); otherwise print "Value is not between 10 and 20".

2. Ask the user to enter two integers. Read the two integers from the keyboard and print "Both are between 10 and 20" if both values are between 10 and 20 (inclusively); otherwise print "At least one value is not between 10 and 20".

3. Ask the user to enter two integers. Read the two integers from the keyboard and print "At least one is between 10 and 20" if at least one of the values is between 10 and 20; otherwise it print "Neither is between 10 and 20".

4. Ask the user to enter an integer. Read the integer from the keyboard and print "Value is a multiple of 5" if the value is a multiple of 5; otherwise print "Value is not a multiple of 5".

5. Ask the user to enter two integers. Read the two integer from the keyboard and print "Both are multiples of 5" if both values are multiples of 5; otherwise print "At least one value is not a multiples of 5".

6. Ask the user to enter two integers. Read the two integer from the keyboard and print "At least one is a multiple of 5" if at least one of the values is a multiple of 5; otherwise print "Neither value is a multiple of 5".