

CSCI-101 Programming I

Lab 5a

INSTRUCTIONS

Log into cs.bridgewater.edu. Change your working directory to your **labs** directory in your repository and make a directory named **lab5**. Change your working directory to **lab5**.

Inside the **lab5** directory create a file named **Lab5a.java**.

Inside the **Lab5a.java** file write a program that does the following:

1. Ask the user to enter a sequence of integers with the last integer being 0. Read the values in using a do-while loop and compute the sum. When finished computing the sum, print "Sum: " followed by the sum
2. Use a do-while loop to repeatedly ask the user to enter a string and if the string is "say something nice" then the program should print "you are wonderful". If the string is "exit", the program terminates. If the string is anything else, the program repeats and asks the user to enter a string.
3. Use a do-while loop to repeatedly ask the user to enter one of the following characters (a, d, x). If the character that is entered is 'a' the program should print "adding", if the character entered is 'd' the program should print "deleting", and if the character entered is 'x' the program should terminate. If any other character is entered, the program should print "invalid operation" and repeat the loop.