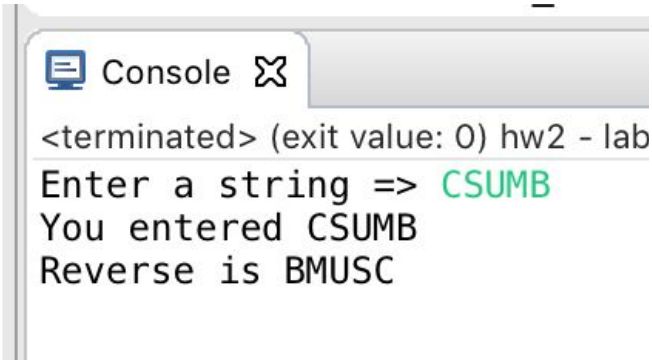
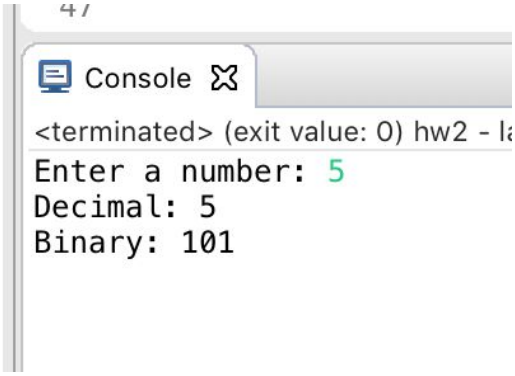
Lab Assignment 2

a) Lab a
   i) Takes in user input of *CSUMB* and loops through it while pushing it into stack s. Then proceeds to pop all elements out and set them as characters in a string. It then displays the reversed string.



b) Lab b
   i) Sample execution 1: *The program has the user input a number then takes the number and divides it by 2 continuously to find a remainder of 1 or 0 and pushes it into the stack until the number is equal to zero. It then outputs the stack of remainders as the binary value.*



   ii) Sample execution 2: *The program divides the inputted number by 2 continuously to find a remainder of 1 or 0 and pushes this into the stack until the number equals zero. It then outputs the stack of remainders as the binary value.*