

LAB 6 BRAINSTORM

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This program will take input as a number and determine if the number is a palindrome (the same forwards as backwards). If it is, the program will say so and also output the summation of all the numbers below the inputted number. If the number is not a palindrome then the program will say that but not display the summation of numbers below it.

PROCESS:

1. Display short greeting and ask for input
2. Validate input (must be positive & not zero)
 - a. If not valid, re-ask for valid input
3. Single numbers are automatically palindromes, so if length of number == 1, do the math and output success
4. If the number isn't single digit, create another variable that's reverse
5. Compare the two variables. If they're equal, do the math and output success. If they're not equal, output failure