

Assignment #6 – Palindromic Numbers

You will write a program which will total all palindromic numbers (the same forwards and backward) within a range of integers as input from the user.

- write a function (reverseString) which will take a string as a parameter, and return that string in reverse. This function must use a for loop to do the reversal.
- write a function (isPalindrome) which will take a string as a parameter and return True if the string is a palindrome, otherwise False. This function must call the reverseString function.
- write a function (isNumberPalindrome) which will take an integer as a parameter and return True if the number is a palindrome, otherwise False. This function must call the isPalindrome function.
- write a function (main) which will ask the user to enter a starting and ending number range (inclusive). Count through the numbers using a while loop. Add the number into the total only if it is a palindrome (call isNumberPalindrome). Print the total after adding the numbers.
- call the main function from your main programming area.