This lab will give you some practice in working with strings.

The program will have user enter a first name and a last name, as two separate variables. Then these two will be combine into one name and displayed, make sure to have a space between the two parts of name. It will also display the total number of characters in the full name, it should count the space as well.

Now take the name and display it in a field of 20 spaces. First with leading # signs, then with trailing & signs. Note, must make sure to display the leading “ ” and the trailing “ ”. You can go online to find several ways to do this.

Finally take the string that holds the full name and remove four characters, starting a position 2 and place them at the end of this string. Then display it. Output example is shown below:

Enter first name --> Joe
Enter last name --> Smith
Full name is = Joe Smith
Number of characters = 9

Pad left
"################Joe Smith"

Pad Right
"Joe Smith&&&&&&&&&&"

New name is Joithe Sm