CS 3844 Computer Organization - Lab #08 Name/abc123:\_\_\_\_\_\_\_\_\_\_\_

Before doing this lab, make sure to do Lab7 since all of the code is the same. In this case, you will complete FUNC2\_Student which also finds the length of a string and stores it in the 2nd parameter as before. The difference is that this time, you MUST make use of the string instructions, introduced in Lab #7. Your output should look exactly the same as that from Lab #7.

1. Write an assembly program that finds the length of string using the string instructions. Put this code inside FUNC2\_Student and run the program to make sure it works the same as in Lab #7.
2. Modify your program so that it finds the index of an arbitrary character. A 3rd parameter passed in will be a single character and the value put in \*par2 is the number of characters before the character X. (Hint: scas).

Output for FUNC1\_Student, FUNC2\_Student, and FUNC3\_Student



