

**Engr 123**  
**String Problems 2**

**March 17, 2017**

1. Write a program to input a string from the user and determine whether or not the string is a palindrome.
2. Write a program to input a string from the user and delete all of the vowels. For example if the input string is "My name is Goldilocks" your output would be "My nm s Gldlcks".
3. Write a program to input a number as a string and convert the number to the type double without using the Double.Parse routine. Print your output in a message box. For example the user might enter 23.456 into a text box. Your program would read this into a string type, do the conversion to double, and output the double to a message box.
4. Write a program to input a user's name in the format *firstName middleName(or initial) lastName* and outputs the name in the format *lastName, firstName middleName*.
5. Write a program to accept a single word as input and print the first alphabetical character in that word.
6. Write a program that counts the number of four letter words in a given sentence. Take the sentence "I would much rather have in inch of dog than a mile of pedigree." as a sample input sentence.
7. Write a program that deletes all duplicate characters in a given input string. Take the string "Death and taxes are unsolved engineering problems." as the input sentence.
8. Write a program that counts the number of upper case characters in a given input sentence. Take "That's not right. That's not even Wrong." as the input sentence.
9. Write a program to print the ascii codes for the upper and lower case letters of the alphabet.