Exam 3 Program Instructions

In this program you will write a program that asks a user to enter a string.

Place the menu in a method called menu. The program should allow the user to enter strings and choose what they want to display until they enter a -1. Be sure to use a switch/case statement for your menu. The program should display a menu asking the user which option they choose:

Enter 1 to display the number of words in the string
Enter 2 to display the string in all capital letters
Enter 3 to display the string in all lower case letters
Enter 4 to display the string in reverse order
Enter -1 to exit

The program should contain a method for each option, numberOfWords, allCapitals, allLowers, and reverseOrder. These methods should accept a string argument and displays the appropriate information on the console. For instance, if the argument is "Four score and seven years ago our forefathers" the numberOfWords method should display

There are 8 words in that String.

The allCapitals method should convert the string to all capital letters and display it on the console. The allLowers method should display the string in all small letters on the console. The reverseOrder method should display the string in reverse order. You will want to ensure that the user enters at least one character into the string.