*Write class that declares the following String.*

***“The quick brown fox jumps over the lazy dog”.***

*Perform the following modifications to the above string using appropriate*

*Methods.*

1. *Print the character at the 12th index.*
2. *Check whether the String contains the word “is”.*
3. *Add the string “and killed it” to the existing string.*
4. *Check whether the String ends with the word “dogs”.*
5. *Check whether the String is equal to “The quick brown Fox jumps over the lazy Dog”.*

*Check whether the String is equal to “*THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG*”.*

1. *Find the length of the String.*
2. *Check whether the String matches to “The quick brown Fox jumps over the lazy Dog”.*
3. *Replace the word “The” with the word “A”.*
4. *Split the above string into two such that two animal names do not come together.*
5. *Print the animal names alone separately from the above string.*
6. *Print the above string in completely lower case.*
7. *Print the above string in completely upper case.*
8. *Find the index position of the character “a”.*
9. *Find the last index position of the character “e”.*
10. *Prompt the user to enter the home directory of Tomcat server. To the path that user enters, add another path to WebApps/MyApps/Images directory and display it in the console. Use verbatim string literals.*
11. *Write a C# code that has a constant string that represents poem lines*

*I WANDER'D lonely as a cloud  
That floats on high o'er vales and hills,*

*When all at once I saw a crowd,  
A host, of golden daffodils;Beside the lake, beneath the trees,  
Fluttering and dancing in the breeze.*

*Represent the line as it is without any escape characters to improve readability.*