

## TASK 1

In a console app...

a) What are length of the following strings? Why?

```
string s1 = "h:\\notes.txt";  
string s2 = "h:\\\\notes.txt";  
string s3 = @"h:\\notes.txt";
```

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b) What is the difference between defining a variable as 'string' and as String' in C#?

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c) What is the definition of "verbatim string literal"?

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d) Write code to prove that C# strings are 'immutable'.

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e) Write code to demonstrate the use of String.Format

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f) When should StringBuilder be used in place of string?

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