1. What are escape characters, and how do you use them?

Ans) To insert characters that are illegal in a string, use an escape character. An escape character is a backslash \ followed by the character you want to insert.

1. What do the escape characters n and t stand for?

Ans) \n : new line

\t : Tab

1. What is the way to include backslash characters in a string?

Ans) to include a backslash character itself, you need two backslashes or use the @ verbatim string

Ex: var s = "\\Tasks";

or

var s = @"\Tasks";

1. The string "Howl's Moving Castle" is a correct value. Why isn't the single quote character in the word Howl's not escaped a problem?

The single quote in Howl's is fine because we have used double quotes to mark the beginning and end of the string.

1. How do you write a string of newlines if you don't want to use the n character?

Ans) by giving multiple print statement

6. What are the values of the given expressions?

'Hello, world!'[1]

Ans) e

'Hello, world!'[0:5]

Ans) Hello

'Hello, world!'[:5]

Ans) Hello

'Hello, world!'[3:]

Ans) lo, world!

7. What are the values of the following expressions?

'Hello'.upper()

Ans) HELLO

'Hello'.upper().isupper()

Ans) True

'Hello'.upper().lower()

Ans)hello

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

Ans) ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

'-'.join('There can only one.'.split())

Ans) There-can-only-one.

9. What are the methods for right-justifying, left-justifying, and centering a string?

Ans) **rjust, ljust**, **center**

10. What is the best way to remove whitespace characters from the start or end?

Ans) trim()