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

In Python strings, **the backslash "\" is a special character, also called the "escape" character.** **It is used in representing certain whitespace characters** and "\r" is a carriage return. Conversely, prefixing a special character with "\" turns it into an ordinary character.

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

: "\t" is a tab, "\n" is a newline,

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

- **you need two backslashes or use the @ verbatim string**: var s = "\\Tasks"; // or var s = @"\Tasks"; Read the MSDN documentation/C# Specification which discusses the characters that are escaped using the backslash character and the use of the verbatim string literal.

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?

\_ because we are using “ “ in the end as well as in the beginning. So it will give us a value. It may be wrong if we use Howl”s in between ..

-

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

**end = <character>** , which <character> is the character that will be used to separate the lines.

6. What are the values of the given expressions?

'Hello, world!'[1] – e

'Hello, world!'[0:5]- Hello

'Hello, world!'[:5]-Hello

'Hello, world!'[3:]-lo,world!

7. What are the values of the following expressions?

'Hello'.upper()- invalid syntax

'Hello'.upper().isupper()-tru

'Hello'.upper().lower()-invalid

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?

str.**ljust**(s, width[, fillchar])

str.**rjust**(s, width[, fillchar])

str.**center**(s, width[, fillchar])

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

The **trim() method** returns a string with whitespace characters removed from the start and end of the string.