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

Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code.

We use them by using a backlash followed by the character that needs to be inserted

Eg : \n, \r, \t

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

\n stands for new line

\t stands for tab

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

The \\ escape character will represent a backslash character.

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 double quotes have been used 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?

By using multiline string.

We can assign a multiline string to a variable by using three quotes

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() ‘HELLO’

'Hello'.upper().isupper() TRUE

'Hello'.upper().lower() ‘hello’

8. What are the values of the following expressions?

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

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

9. What are the methods for right-justifying, left-justifying, and centering a string? The rjust(), ljust(), and center() string methods, respectively

10. What is the best way to remove whitespace characters from the start or end? The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.