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

Ans : To insert characters that are illegal in a string, we use an escape character.

An escape character is a backslash \ followed by the character we want to insert.

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

Ans : \n stands for New Line

\t stands for Tab

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

Ans : to include backslash characters in a string we need to use double backslash \\

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?

Ans : 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 : Multiline strings allow us to use newlines in strings without the \n escape character.

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-be-only-one.

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

Ans : rjust(), ljust(), and center() string methods

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

Ans : The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string