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

Ans: Escape characters help insert characters which are generally not accepted in a simple string. Backslash followed by the character that needs to be inserted will do the job.

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

Ans: The escape character n stands for new line and t stands for tab.

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

Ans: in order to include single backslash character 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: Here the single quote character need not to be escaped because it is mentioned inside a string quoted by double quotes. And it is applicable viceversa.

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

Ans: we can use end =” “ for printing new lines

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans: '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'.upper().isupper()

'Hello'.upper().lower()

Ans: '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()

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

Ans: 'Remember, remember, the fifth of July.'.split() = This will give ['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?

Ans: left-justifying() = string.ljust(len,fillcharacter), right-justifying = string. rjust(len,fillcharacter), centering = (len,fillcharacter)

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

Ans: using strip() method