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

Ans : Escape characters are the characters in string values that can be used to get a new line automatically, and getting tab spaces,. ets.

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

Ans : escape character n ( \n ) -- gets the new line

Escape character t ( \t ) - gets the tab space

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

Ans : The escape character \\ will represent a backslash character in a string.

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 : 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 : Multiline strings allow you to use newlines in strings without the \n escape character by using ‘ f ’ string.

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans : EXPRESSION VALUE

'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 : EXPRESSION VALUE

'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()

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

Output : ‘There-can-only-one.’

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

Ans : rjust() for right-justifying , ljust() for left-justifying , and center() for centering .

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

Ans : By using the lstrip() to remove whitespace from the left and rstrip() methods remove whitespace from right end of a string.