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

**Ans:** Those characters that can be represented in string values but would be difficult or impossible to type into code are called as escape characters. We use a back slash to denote escape characters. For example: \t, \n, \f.

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

**Ans:** n stands for a new line. t stands for space or tab.

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

**Ans:** \\

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:** Since we have used double apostrophe (“”) for the beginning and the end of a statement, there won’t be any problem in reading the above statement.

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.

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()

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

**Ans:**

['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']

‘There-can-be-only-one.’

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

**Ans:** rjust(), ljust(), and center()

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

**Ans:** lstrip() : remove whitespace from the left

rstrip() methods remove whitespace from right ends of a string.