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

\ – Backslash, ‘– Single quote, “– Double quote, \n – ASCII linefeed are some escape character. To do this simply adds a backslash (\) before the character we want to escape.

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

\n - for newline

\t - for tab

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

For example,

Print(“c:\\User\\HP\\Desktop”)

Output: c:\User\HP\Desktop

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 you have used inside the double quotes.

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

Can assign a multiline string to a variable by using three quotes.

Example:

a = """Lorem ipsum dolor sit amet,  
ut labore et dolore magna aliqua."""

1. 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!

1. What are the values of the following expressions?

'Hello'.upper() - HELLO

'Hello'.upper().isupper()- True

'Hello'.upper().lower() - hello

1. 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.

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

The rjust(), ljust() and center() string methods, respectively.

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

The lstrip() and rstrip() methods remove whitespace from left and right ends of a string, respectively.