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

The python escape character is \. Escape character is placed just before the character we want to escape.

Eg: “My name is \“John\””. By placing the escape character just before the double quotes over John, the string retains the double quote.

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

\n stands for escaping new line character

\t stands for escaping tab space.

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

If a string contains backslash and if has to be retained, then we have to use the escape character before the backslash which will make it look like \\.

Eg: print(“The string contains a \\” ) will print “The string contains a \”

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?

String in python can be represented in single quote and double quote. Double quote represent a text and it allows to have single quote within it.

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

print(“good mor\ni\ng”)

good mor

i

g

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() = ['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?

Right-justifying – rjust()

Left-justifying – ljust()

Centering – center()

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

Lstrip – removes whitespace from start

Rstrip – removes whitespace from end

Strip – removes whitespaces from start and end