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

Ans: For inserting characters that are illegal in a string we use escape characters. To escape a character we use backslash “\” followed by the character we want to escape.

e.g. "The is our \"House\" where we live in." Where we are escaping the double quotes

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

Ans: n stands for new line and t for tab

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

Ans: We write is as \\ i.e. two back to back backslashes

4. 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: we need not escape any single quote within a double quotes and vice versa.

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

Ans: For using newline within a string we can escape it with \n escape character otherwise we need to write various print statements as:

For printing the two lines:

Line1: Python is a programming language

Line2:Java is a programming language

We can either write:

Print(“Python is a programming language \n Java is a programming language”)

Or

Print(“Python is a programming language”)

Print(“Java is a programming language”)

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:] = 'Hello, world!'[3:]

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?

Ans: [ljust(), rjust() and center() are the methods for left, right and centre string justification](https://www.geeksforgeeks.org/python-string-ljust-rjust-center/)

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

Ans: strip() method removes all the whitespace characters from the start and end of a string