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

Ans: Escape characters are those which are used to enter the illegal characters into the string. An escape character is Backslash \ followed by the character you want to insert.

Ex – "One of the best course \"Data science\" is available in ineuron" .

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

Ans: The escape character ‘\n’ stand for next line and ‘\t’ stand for tab.

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

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

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: Because the given line is quoted between the double quotes.

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

Ans: Multiline strings allows you to use the new line in the string without using the \n escape character.

6. What are the values of the given expressions?

Ans:

'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?

Ans:

'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()

Ans: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

Ans: There – can – only – one.

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

Ans: The string methods are rjust(), ljust(), centre() respectively.

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

Ans: The **lstrip()** and **rstrip()** remove whitespace characters from the left and right side of the string respectively. We can also use **strip()** to remove both the whitespace characters from the start and end of a string at a time.