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

Ans. Escape Characters To insert characters that are illegal in a string, use an escape character. An escape character is a backslash followed by the character you want to insert.

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

Ans. n stands for new line and t stands for tab

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

Ans. To insert characters that are illegal in a string, use an escape character.

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. The single quote in Howl's is fine because you've used double quotes to mark the beginning and end of the string

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

Ans. we can add the \\ character to the end of each line, which indicates that the line is continued on the next line, triple-quote the string instead of single-quoting it, or replace the literal newlines in the string.

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans. 'e', 'Hello', 'Hello', 'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans. 'HELLO', True, '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', 'July.'],

'There-can-only-one.'

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

Ans. str. ljust (s, width ( fillchar]) and str. rjust (s, width [, fillchar]) and str. center (s, width [, fillchar]) These functions respectively left-justify, right-justify and center a string in a field of given width.

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

Ans. The Python String strip () method is part of the built-in function available in python. The function will remove given characters from the start and end of the original string.