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

Ans:-

An escape characters is a backslash “\” followed by the character you want to insert.

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

Ans:-

It is used in representing certain whitespace characters: “\t” is a tab and “\n” is a newline.

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

Ans:-

The \\ escape character will represent a backslash 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 have 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:-

Multiline strings allow you to use newlines in strings without the \n escape character.

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?

Ans:-

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

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

Ans:-

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