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

Escape characters are use to insert the characters which are illegal in the string. 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?

Escape characters n stands for new line and t stands for Tab.

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

Use \\ to include backslash characters 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?

Because Howl’s has single quote which is fine and its in a string which starts and ends with double quote.

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

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?

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

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

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