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

* Escape character allows us to include special characters in strings. To do this, we simply add a backslash (\) before the character we want to escape. For eg. s = 'Hey, what\'s up?'

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

* n stands for new line and t stands for tab

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

* By using \\. Eg. txt = "This will insert one \\ (backslash)."

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 we 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?

* By using distinct print statement eg. Print(‘Hello’) Print(‘World)

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?

* We use ljust(), rjust(), center() method

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

* We can use Trim() function