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

Answer : **Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code.**

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

**Answer : \n is used for the next line and \t for tab space.**

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

**Answer : 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?

**Answer : 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?

**Answer : Multiline strings allow you to use newlines in strings**

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Answer :**

**'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'.upper().isupper()

'Hello'.upper().lower()

**Answer : 'Hello'.upper() = ‘HELLO’**

**'Hello'.upper().isupper() = True**

**'Hello'.upper().lower() = False**

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

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

**Answer :**

**'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?

**Answer : The rjust(), ljust(), and center() string methods, respectively**

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

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