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

**Ans : 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?

**Ans : \n is a newline; \t is a tab.**

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’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 : . 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', 'November.']**

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

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

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

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

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