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**

**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?

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

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: because we used double quottes to mark begining 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 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:] l**o, 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()

**Answer: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']**

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

**Answer: There-can-only-one.**

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

**Answer: rjust(), ljust(), and center()**

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.**