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

**Answer:**

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

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

**Answer:**

1. **\n is a newline;**
2. **\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.**

1. 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 here used double quotes to mark the beginning and end of the string.**

1. 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]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Answer:**

1. **'e'**
2. **'Hello'**
3. **'Hello'**
4. **'lo, world!'**

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

**Answer:**

1. **'HELLO'**
2. **True**
3. **'hello'**

8. What are the values of the following expressions?

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

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

**Answer:**

1. **['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']**
2. **'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.**