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

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?**

\n is a newline; \t is a tab.

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

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?**

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?**

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()**

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

**Sol:**  ['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']

'There-can-be-only-one.'

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

The rjust(), ljust(), and center() string methods, respectively.

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

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