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.

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

\n is a newline; \t is a tab.

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

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?**

The single quote in Howl's is fine because you’ve 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?**

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!

1. **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())**

['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']

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

1. **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.