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

Answer 1: To insert characters that are illegal in a string, we can use an escape character. An escape character is a backslash \ followed by the character we want to insert.

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

Answer 2: n: New Line, t: Tab

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

Answer 3: ‘\\’ will let us include a single backslash in a string.

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 4: Double quotes has more priority than single quotes. Therefore, to include a single quote character in a string we can just add the single quote in the string and enclose the string in double quotes.

1. How do you write a string of newlines if you don't want to use the n character?

Answer 5: ‘\r’ can be used.

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', 'July.']

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

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

Centering = str.center(Length, ‘<filler str>’)

Left Justifying = str.ljust(Length, ‘<filler str>’)

Right Justifying = str.rjust(Length, ‘<filler str>’)

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

Answer 10: strip()