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

An escape character is a backslash \followed by the character you want to insert.

There are several different different escape characters.

Escape Character Prints as

\' Single quote

\" Double quote

\t Tab

\n Newline (line break)

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

n stands for newline and t stands for tab

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

If you are using single quotes to print out a string and you have a single quote in the string,

s = 'Hey, what\'s up?'

print(s)

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 string contains apostrophe so we have to give escape character otherwise it will throw error

s = 'Howl\'s Moving Castle'

print(s)

o/p:Howl's Moving Castle

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

Print separately

1. What are the values of the given expressions?

'Hello, world!'[1] o/p: 'e'

'Hello, world!'[0:5] o/p: 'Hello'

'Hello, world!'[:5] o/p 'Hello’

'Hello, world!'[3:] o/p: 'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper() o/p 'HELLO'

'Hello'.upper().isupper() o/p True

'Hello'.upper().lower() o/p 'hello'

1. What are the values of the following expressions?

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

o/p: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

o/p :'There-can-only-one.'

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

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

str.**ljust**(s, width[, fillchar])

str.**rjust**(s, width[, fillchar])

str.**center**(s, width[, fillchar])

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

If you want to only remove whitespace from the beginning and end you can use strip: sentence = sentence.strip ()