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

Escape characters are non printable characters that can be used with backslash.

eg

\n used for new line

\t used for tab

print("Hello\nWorld!") gives following output

Hello

World!

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

n stands for new line

t stands for tab

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

To include backslash characters in a string, use \ followed by the character you wish to insert.

eg : s1 = "hello \" world"

gives output 'hello " world'

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?

Using any single quote is allowed inside the double quote of a string.

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

print() function has a hidden parameter end= which defaults to the newline character, '\n'.

We can change this ending to our choice.

eg :- if we wanted to keep printing multiple statements on the same output line,

we could simply write:

print("some statement,end="")

1. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

'Hello, world!'[1] gives output as 'e'

'Hello, world!'[0:5] gives output as 'Hello'

'Hello, world!'[:5] gives output as 'Hello'

'Hello, world!'[3:] gives output as 'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

'Hello'.upper() gives output 'HELLO'

'Hello'.upper().isupper() gives output True

'Hello'.upper().lower() gives output '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 July.'.split() gives output as list as below

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

'-'.join('There can only one.'.split()) gives output as below

'There-can-only-one.'

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

ljust() is used for left-justifying a string

eg: str1.ljust(15)

rjust() is used for right-justifying a string

eg: str1.rjust(15)

center() is used for centering a string.

eg: str1.center(15)

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

trim() is used to remove whitespace from both (start and end) of the string.

trimStart() is used to remove whitespace from only start of the string.

trimEnd() is used to remove whitespace from end of the string.

syntax

str.trim()

str.trimStart()

str.trimEnd()