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

escape characters stop the compiler from accepting part of string as an input.

Escape characters are :

\’ - Single Quote

\n - New line

\\ - Backslash

\t - Tab

\b - Backspace

Ex-

a = "\t my name is shweta and i am a girl"

print(a)

my name is shweta and i am a girl

a = "my name is \"shweta\" and i am a girl"

print(a)

o\p - my name is "shweta" and i am a girl

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

\n - New line

\t - Tab

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

\\

a = "\\my name is shweta and i am a girl"

print(a)

o\p - \my name is shweta and i am a girl

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?

Because the whole string is encapsulated by quotes.

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

In os package newline is there that is called linesep.

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()

o\p - ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

o\p - 'There-can-only-one.'

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

right-justifying - rjust()

left-justifying - ljust()

centering - center()

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

Using **strip**(), l**strip**(), r**strip**() function easily can remove whitespace characters from the start or end.