

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

Ans. \n, \t, \ are the escape characters, we use them when we want to start in newline or add a tab inside a string.

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

Ans. n stands for newline and t stands for tab

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

Ans. "this is a string with \\ backlash"

4. 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?

Ans. because a single quote when used in double quote single quote gets automatically escaped.

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

Ans. by using "" Triple quotes

this is use for multi line string ""

6. What are the values of the given expressions?

Ans.

'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?

Ans.

'Hello'.upper() == 'HELLO'

'Hello'.upper().isupper() == True

'Hello'.upper().lower() == 'hello'

8. What are the values of the following expressions?

Ans.

'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?

Ans. `ljust()`, `rjust()`, `center()`

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

Ans. use `.strip()` function to remove leading and trailing white spaces