

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

Answer:

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

To insert characters that are illegal in string, use an escape character.

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

Answer:

"\t" is a tab

"\n" is a newline

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

Answer: The \\ escape character will represent a backslash character.

Different way to include backslash character in a string.

\t tab character.

\n new line character.

Also, Backslash escape other special character.

Example: If we have a string that has a single quote inside a single quoted string, we need to use the backslash to escape the single quote character.

s = "python\'s awesome"

4. The string "howl's moving Castle" is a correct value. Why the single quote character in the word Howl is not escaped a problem?

Answer: The single quote in Howl's is fine because we've used double quotes to mark the beginning and end of the string.

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

Answer: Multiline string allow us to use newlines in string without the\n escape character. We can use end parameter instead of \n.

6. What are the values of the given expressions?


'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!':[5]

'Hello, world!':[3:]


Answer:

 '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'.upper().isupper()`

`'Hello'.upper().lower()`

Answer:

`'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()`

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

Answer:

`'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 centring a string?

Answer:

`Right-justifying : rjust()`

`left-justifying : ljust()`

`center-justifying : center()`

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

Answer: The `lstrip()` and `rstrip()` methods remove whitespace from the left and right ends of the string, respectively.