

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

Ans: Escape Characters is used to insert characters that are illegal in strings. Ex: Newline, tab, backspace, single quotes etc.,

Usage : write a backslash \ followed by the character you want to insert

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

Ans: \n is used for new line and \t is used for tab.

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

Ans: To include backslash we use escape character \\

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 single inverted comma is used in the string specified by double inverted commas. If single inverted commas were used to specify string then escape character was required.

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

Ans: Using multiple print statements we can write strings in newline.

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()`

`['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: Right-justifying: `str.rjust( len, fillchar)`

Left-justifying: `str.ljust( len,fillchar)`

Centre: `str.center(len, fillchar)`

where arguments `len` means length of string required and `fillchar` means the character used to fill the space.

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

Ans: `String.strip()` method can be used.