

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

Answer : An escape character is '\', that is used to insert character in string.

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

Answer: Escape character \n represents new line character. \t represents tab character.

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

Answer : \\ is used to include backslash (\) characters in a string.

**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?**

Answer: As string is started and ended with a double quotes, so Howl's single character is not causing a problem.

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

Answer: Use tripe quotes in before and after of multiline to avoid use of n character.

**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 centering a string?**

Answer :

right-justifying : `rjust()`

left-justifying : `ljust()`

centering a string : `center()`

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

Answer : `lstrip()` and `rstrip()` can be used to remove whitespace characters from the start or end respectively.