PYTHON: ASSIGNMENT - 6

1. What are escape characters, and how do you use them?
SOLUTION- Escape characters are used to escape the next character. We can use them using backslash.

2. What do the escape characters' n and t stand for?
SOLUTION- n stands for new line & t stands for tab.

3. What is the way to include backslash characters in a string?
SOLUTION- we can use back slash using double backslash \\.

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?
SOLUTION- Because there is no such escape character l'

5. How do you write a string of newlines if you don't want to use the n character?
SOLUTION- we can use **end =** in place 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:]
SOLUTION-
'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()
SOLUTION-
'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())
SOLUTION-
['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']
'There-can-only-one.'

9. What are the methods for right-justifying, left-justifying, and centring a string?
SOLUTION-
str.ljust()
str.rjust()
str.center()

10. What is the best way to remove whitespace characters from the start or end?
SOLUTION- .lstrip() for Beginning and .rstrip() for removing white spaces from the end.