**Assignment 6 Solution**

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

Answer :-

The backslash “\” is called as escape character, it is used in representing certain whitespace character.

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

Answer :-

Escape character n represent new line.

Escape character t represent tab.

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

Answer :-

To insert character that are illegal in a string use escape or backslash character.

An escape character is backslash followed by the character that you want to insert.

Q.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 :-

The Single quote in “Howl’s” is correct because we use double quote to mark the beginning and end of the string.

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

Answer :-

Unable to find answer of this question pls suggest me the answer of the question.

Q.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!’

Q.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’

Q.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.’

Q.9 => What are the methods for right-justifying, left-justifying, and centering a string?

Answer :-

For right-justifying we use => rjust()

For left-justifying we use => ljust()

For centering a string we use => center()

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

Answer :-

Str.trim() this function remove both leading and trailing whitespace from string.