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

**Ans:**

There are some characters in string which are difficult to type onto code are represented as Escape Characters. We can use the backslash character to escape a single character or symbol.  
 **example:** \t, \n

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

**Ans:**

\n is a newline, \t is a tab

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

**Ans:**

The \\ escape character will represent the backslash character 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 ?**

**Ans:**

The string "Howl's Moving Castle" escaped the problem because it is wrapped inside double quotes. if it’s wrapped inside single quotes then we have to use escape character **\**' to show single quote in the final output.  
 'Howl\'s Moving Castle' **->** 'Howl's Moving Castle'

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

**Ans:**

Multiline string allow you to use newlines in string without the \n escape character.

*# Example:*

a **=** '''Full stack

Data Science Course'''

print(a)

O/P:

Full stack

Data Science Course

**6.What are the values of the given expressions ?**

'Hello, world!'[1]  
 'Hello, world!'[0:5]  
 'Hello, world!'[:5]  
 'Hello, world!'[3:]

**Ans:**

The values for the given expressions are:  
 '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()

**Ans:**

The values for the given expressions are:  
 '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())

**Ans:**

The values for the given expressions are:  
 '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:**

The rjust(),ljust(),center() string methods, respectively.

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

**Ans:**

The lstrip() and rstrip() methods remove whitespace characters from the left and right ends of a string respectively.