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

A: To insert characters that are illegal in a string, escape character is used.

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

Other escape characters:

\,\\, \n, \t, \b,

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

A: \n: newline, \t : tab

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

A: txt = "We are the so-called "Vikings" from the north."

It will throw Syntax Error: invalid syntax

To eliminate such error ‘\’ to be used in case of string.

txt = "We are the so-called \"Vikings\" from the north."

4. The string &quot;Howl&#39;s Moving Castle&quot; is a correct value. Why isn&#39;t the single quote character in the

word Howl&#39;s not escaped a problem?

A: The single quote in Howl's is fine because double quotes is used to mark the beginning and end of the string.

1. How do you write a string of newlines if you don&#39;t want to use the n character?

A: using multiline characters

Example:

x = """I am learning Python.

I love Software Testing Material.

Best site to learn Python."""

print(x)

6. What are the values of the given expressions?

&#39;Hello, world!&#39;[1]

A: ‘e’

&#39;Hello, world!&#39;[0:5]

A: ‘Hell’

&#39;Hello, world!&#39;[:5]

A: ‘Hell’

&#39;Hello, world!&#39;[3:]

A: ‘lo world!’

7. What are the values of the following expressions?

&#39;Hello&#39;.upper()

A: ‘HELLO’

&#39;Hello&#39;.upper().isupper()

A: True

&#39;Hello&#39;.upper().lower()

‘hello’

8. What are the values of the following expressions?

&#39;Remember, remember, the fifth of July.&#39;.split()

&#39;-&#39;.join(&#39;There can only one.&#39;.split())

A: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']  
  
'There-can-be-only-one.

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

A: rjust(), ljust(), and center()

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

A: lstrip() and rstrip()