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

Answer:

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

Output - We are the so-called "Vikings" from the north.

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

Answer: txt = "Hello\nWorld!"

print(txt)

Ouput: Hello

World!

txt = "Hello\tWorld!"

print(txt)

Output: Hello World!

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

Answer: var s = @"\Tasks"

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: Because single quote will be read by compiler as a inverted comma which is used to store string value and used in print statement.

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

Answer: We can use “\n” in between print statement/

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Answer: e

Hello

Hello

lo, world!

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Answer: HELLO

True

False

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

'-'.join('There can only one.'.split())

Answer: It will print data in split way

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

Answer: Centerting -

cstr = "I love geeksforgeeks"

print ("The original string is : \n", cstr, "\n")

print ("The center aligned string is : ")

print (cstr.center(40), "\n")

print ("Center aligned string with fillchr: ")

print (cstr.center(40, '#'))

left-justifying

lstr = "I love geeksforgeeks"

print ("The original string is : \n", lstr, "\n")

print ("The left aligned string is : ")

print (lstr.ljust(40, '-'))

right-justifying

rstr = "I love geeksforgeeks"

print ("The original string is : \n", rstr, "\n")

print ("The right aligned string is : ")

print (rstr.rjust(40, '-'))

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

Answer =Use the .rstrip() method to remove whitespace and characters only from the end of a string

enthusiastic\_greeting = "!!! Hello !!!!"

less\_enthusiastic\_greeting = enthusiastic\_greeting.rstrip("!")

print(less\_enthusiastic\_greeting)