Qus1:What are escape characters, and how do you use them?

Ans1: An escape character is a backslash \ followed by the character you want to insert.

Qus2What do the escape characters n and t stand for?

Ans2 : newline character(\n), (\t) stands for tab,

Qus3 What is the way to include backslash characters in a string?

Ans3 : \\

Qus4: 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 4: The single quote in Howl's is fine because we've used double quotes to mark the beginning and end of the string

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 **=** ''' may batch full stack

Data Science 2022'''

print(a)

Output: may batch full stack

Data Science 2022

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans :

'e'  
  
'Hello'  
  
'Hello'  
  
'lo world!

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans : 'HELLO'  
  
True  
  
'hello'

8. What are the values of the following expressions?

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

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

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

**Qus9. What are the methods for right-justifying, left-justifying, and centering a string?**

Ans 9: The rjust(),ljust(),center() string methods, respectively.

**Qus10. What is the best way to remove whitespace characters from the start or end?**

Ans 10: Use lstrip() and rstrip() to remove whitespace and characters from the beginning and the end of a string