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

Ans- To insert characters that are illegal in a string, use an escape character. An escape character is a backslash \ followed by the character you want to insert.

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

Ans- \n stand for new line and \t stands for tab. (space).

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

Ans- \\

1. 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- because we are using single ‘ after the “ so there are no problem in it.

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

Ans- a = “ hello ram,\ are you there?”

6. What are the values of the given expressions?

'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'

'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- 'There-can-only-one.

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

Ans-# right-justifying

string = 'cat'

width = 5

fillchar= "\*"

print(string.rjust(width,fillchar))

output - \*\*cat

same as above example left-justying and centering used for left and center respectively.

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

Ans- string= " anurag garg "

print(string.strip())

output- anurag garg

use strip()