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

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

Ans🡺 \n used for new line \t is used for tab space

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

Ans🡺 \b

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🡺 Theere is a character single quote which will be illegal in above string as single quotes are used to complete strinhg

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

Ans🡺 add a \n in string. Eg- S=”abcd \n acnbjhj”

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()

🡺 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🡺 'There-can-only-one.'

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

Ans🡺

Left justifying text is having the text aligned to the left.

Right justifying text is having the text aligned to the right.

Center justifying text is having the text centered.

>>> 'Python'.ljust(20, '+')

'Python++++++++++++++'

>>> 'Python'.rjust(20, '+')

'++++++++++++++Python'

>>> 'Python'.center(20, '+')

'+++++++Python+++++++'

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

Ans🡺 the Strip Function