Q1

Escape characters are special characters that are used in strings to represent characters that are difficult or impossible to type directly as characters within the string. They are represented by a backslash (\) followed by a specific character or code.

# Using escape characters

print("Hello, world!")

print("This is a line\nwith a newline.")

print("Tabs:\t\tColumn 1\tColumn 2")

print("This is a single quote: \'")

print("This is a double quote: \"")

Q2

New line and tab

Q3

use a double backslash (\\)

ex-

a\_str = "This is ineuron: \\"

print(a\_str)

output:

This is ineuron: \

Q4

Because the single quote is present between the two double quotes

Q6

e

'Hello'

'Hello'

'lo,world!'

Q7

Hellow

True

False

Q8

['Remember,remember,the', 'fifth', 'of', 'July']

'There-can-only-one.'

Q9

The rjust() method is used to right-justify a string by adding spaces (or a specified character) to the left of the string to achieve a specified width.

The ljust() method is used to left-justify a string by adding spaces (or a specified character) to the right of the string to achieve a specified width.

The center() method is used to center-align a string by adding spaces (or a specified character) equally to both sides of the string to achieve a specified width.

Q10

whitespace characters from the start or end of a string in Python is to use the str.strip() method. The strip() method removes leading (start) and trailing (end) whitespace characters, including spaces, tabs, newlines, and other whitespace characters.