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

Escape character is backslash “ \ ” followed by character we want to insert.

An escape character is used to insert the characters that are illegal in a string.

For example:

a = “My name is “Amardeep kumar” from iNeuron ”

Now the above example will return the error. Because we used an illegal character i.e double quotes ( “ ”) inside the string which is already surrounded by the double quotes( “ ”).

In order to solve the above problem we use escape sequence.

a = “My name is \“Amardeep Kumar \” from iNeuron”

Now the above example will not give error.

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

\n results in a New line .

\t results in space like Tab.

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

If we need to include the backslash character in a string then we need to include two backslashes itlself.

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?

Because we have used a different quote from the quote that surrounds the string. i.e string is surrounded by the double quote and hence this particular string can allow single quote.

And if the above string was surrounded by the single quote then that particular string can allow double quote inside.

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

print(“Amardeep”, end = “ \n ”)

1. 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

1. What are the values of the following expressions?

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

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

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

-> There-can-only-one.'

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

For right justifying use string.rjust()

For left justifying use string.ljust()

For centering the string use string.center()

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

Use string.strip()

For example: a= “ iNeuron ”

a.strip()

output:

“iNeuron”