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

Ans: The backslash "\" is used for the escape character. We can use escape characters to insert tabs(“\t”), new lines(“\n”), and other special characters into strings.

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

Ans:

The escape character "\n" stands for a new line and the escape character "\t" stands for a tab

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

Ans:

to include a backslash character in a string, We need to use the escape character "\\". This tells the compiler to treat the following backslash character as a regular character, not as a escape character.

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:

The single quote character in the word "Howl's" is not a problem because the string is in double quotes.So it is not a problem.

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

Ans:

We can use docstrings to write a string of newlines without using the "\n" character.

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans:

'Hello, world!'[1] is “e”

'Hello, world!'[0:5] is “Hello”

'Hello, world!'[:5] is “Hello”

'Hello, world!'[3:] is “lo, world!”.

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans:The values for the expressions are

'Hello'.upper() gives “HELLO”

'Hello'.upper().isupper() gives True

'Hello'.upper().lower() gives “hello”

8. What are the values of the following expressions?

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

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

Ans:The values for the expressions are

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

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

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

Ans:

ljust(), rjust() and center() are the methods for right-justifying, left-justifying, and centering a string

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

Ans:

The strip() method is used to remove whitespace characters from the start and end of a string.