

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

Solution - 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?

Solution - It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return.

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

Solution - 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.

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?

Solution - The single quote in Howl's is fine because you've used double quotes to mark the beginning and end of the string.

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

Solution - print("""

6. What are the values of the given expressions?

'Hello, world!'[1] -----> 'e'

'Hello, world!'[0:5] -----> 'Hello'

'Hello, world!':[5] -----> 'Hell'

'Hello, world!'[3:] -----> 'lo world!'

6. 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()

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

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

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

Solution – Right Justifying – `rjust()`

- Left Justifying – `ljust()`

- centering – `center()`

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

Solution - Use the `lstrip()` method to remove whitespace and characters only from the beginning of a string. Use the `rstrip()` method to remove whitespace and characters only from the end of a string.