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

Answer: The escape character is a \ backslash followed by the character we want to insert. We use an escape character to insert characters that are illegal in a string.

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

Answer: \n is for new line and \t is for Tab

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

Answer: “\”

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?

Answer: We have used double quotes to mark the beginning and end of the string so that using the single quote in Howl's is fine.

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

Answer: Multiline strings

For example:

print('''

This

is

multiline

string

''')

Output:

This

is

multiline

string

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Answer:

'Hello, world!'[1]

Output: ‘e’

'Hello, world!'[0:5]

Output: 'Hello'

'Hello, world!'[:5]

Output: 'Hello'

'Hello, world!'[3:]

Output: 'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Answer:

'Hello'.upper()

Output: 'HELLO'

'Hello'.upper().isupper()

Output: True

'Hello'.upper().lower()

Output: 'hello'

8. What are the values of the following expressions?

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

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

Answer: 'There-can-only-one.'

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

Answer:

Left Justifying: str.ljust(s, width[, fillchar])

Right Justifying: str.rjust(s, width[, fillchar])

Centering a string: str.center(s, width[, fillchar])

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

Answer: strip() function removes the whitespace characters from the start or end.