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

Ans: Escape character is used to insert characters that are illegal in a string, using backslash ’\’ followed by character you want to insert.

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

Ans: ‘\n’ stands for new line, and ’\t’ stands for tab.

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

Ans: The double backslash ‘\\’ helps to include backslash ‘\’ in string.

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?

Ans: The sentence "Howl's Moving Castle" is using double quotes in the starting and end of the string.

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

Ans: Multiline strings allow you to use newlines in strings without the \n escape character.

Ex: “”” “””,’’’ ‘’’,( ),\

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] = ’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'.upper().isupper()

'Hello'.upper().lower()

Ans:

'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()

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

Ans:

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

'There-can-only-one.'

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

Ans: rjust(), ljust(), and center()

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

Ans: strip() method is used to remove whitespace characters.