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

Ans- 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?

Ans=/n-new line, /t-tab

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

Ans- If you want to include a backslash character itself, you need two backslashes or use the @ verbatim 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 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?

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

6. 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

8. What are the values of the following expressions?

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

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

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

Ans- rjust(), center(), ljust()

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

Ans- use the .strip() method