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

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?

\n is used for new line and \t used for Horizontal Tab.

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

If you want to **include** a **backslash character** itself, you need two **backslashes** or use the @ verbatim **string**: "\\Tasks" or @"\Tasks" .

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?

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?

You can print strings without adding a new line with end = <character> , which <character> is the character that will be used to separate the lines.

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’ , ’July’]

'-'.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?

The Python String ljust() method is used to left align the string with the width specified. If the specified width is more than the length of the string, then the remaining part of the string is filled with fillchar.

str.ljust(width[, fillchar])

Specify ‘<‘ followed by the width number for the Left Alignment output string syntax.

Specify ‘>‘ followed by the width number for the Right Alignment output string syntax.

Specify ‘^’ followed by the width number for the Center Alignment output string syntax.

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

To remove whitespace characters from the beginning or from the end of a string only, you use the trimStart() or trimEnd() method.