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

ANS Escape characters are characters that are used when working with special characters like single quotes, and double quotes, To print these characters as it is, including the backslash '\' in front of them

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

ANS In Python strings, the backslash "\" is a special character, also called the "escape" character. It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return.

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

ANS n string and character sequences, when you want the backslash to represent itself (rather than the beginning of an escape sequence), you must use a \\ backslash escape sequence.

4. The string &quot;Howl&#39;s Moving Castle&quot; is a correct value. Why isn&#39;t the single quote character in the

word Howl&#39;s not escaped a problem?

ANS The string value "Howl's Moving Castle" is a valid string. Why isn't it a problem that the single quote character in the word Howl's isn't escaped? The single quote in Howl's is fine because you've used double quotes to mark the beginning and end of the string.

1. How do you write a string of newlines if you don&#39;t want to use the n character?

ANS Python's print function adds a newline character ('\n') by default at the end of the output. However, you can modify this behavior with the 'end' parameter. If you want to print without a newline, use an empty string with the 'end' parameter.

6. What are the values of the given expressions?

&#39;Hello, world!&#39;[1]

&#39;Hello, world!&#39;[0:5]

&#39;Hello, world!&#39;[:5]

&#39;Hello, world!&#39;[3:]

7. What are the values of the following expressions?

&#39;Hello&#39;.upper()

&#39;Hello&#39;.upper().isupper()

&#39;Hello&#39;.upper().lower()

8. What are the values of the following expressions?

&#39;Remember, remember, the fifth of July.&#39;.split()

&#39;-&#39;.join(&#39;There can only one.&#39;.split())

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

ANS Python String | ljust(), rjust(), center()  
  
These functions respectively left-justify, right-justify and center a string in a field of given width.

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

ANS **To sum up:**

1. Use the .strip() method to remove whitespace and characters from the beginning and the end of a string.
2. Use the .lstrip() method to remove whitespace and characters only from the beginning of a string.
3. Use the .rstrip() method to remove whitespace and characters only from the end of a string.

FINISH\*\*\*\*