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

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

**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?**

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

**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?**

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

**SOLUTIONS**

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**SOLUTIOS**

1. Escape characters are characters that are used to represent certain special characters within a string literal. They are represented by a backslash () followed by a letter or symbol. For example, the escape character for a newline is '\n' and for a tab is '\t'. To use escape characters in a string, simply include the backslash followed by the appropriate letter or symbol in the string.
2. The escape characters '\n' and '\t' stand for newline and tab, respectively. '\n' is used to represent a new line in the output and '\t' is used to represent a tab space in the output.
3. To include backslash characters in a string, you need to escape them with another backslash. For example, '\' represents a single backslash in a string.
4. The single quote character in the word "Howl's" is not escaped because it is surrounded by double quotes, which serve as the string delimiter. If the string were surrounded by single quotes, the single quote in the word "Howl's" would need to be escaped.
5. To write a string of newlines without using the '\n' character, you can use the string '\r\n' to represent a newline on Windows systems, or '\n\r' to represent a newline on Mac and Unix systems.
6. *The values of the given expressions are as follows:*

* *'Hello, world!'[1] = 'e'*
* *'Hello, world!'[0:5] = 'Hello'*
* *'Hello, world!'[:5] = 'Hello'*
* *'Hello, world!'[3:] = 'lo, world!'*

1. *The values of the following expressions are:*

* *'Hello'.upper() = 'HELLO'*
* *'Hello'.upper().isupper() = True*
* *'Hello'.upper().lower() = 'hello'*

1. *The values of the following expressions are:*

* *'Remember, remember, the fifth of July.'.split() = ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']*
* *'-'.join('There can only one.'.split()) = 'There-can-only-one.'*

1. *The methods for right-justifying, left-justifying, and centering a string in Python are:*

* *right-justifying: string.rjust(width, fillchar)*
* *left-justifying: string.ljust(width, fillchar)*
* *centering: string.center(width, fillchar)*

1. *To remove whitespace characters from the start or end of a string, you can use the methods: string.strip(), string.rstrip(), or string.lstrip(). These methods remove whitespaces from the left, right, or both sides of a string, respectively.*