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

* Escape characters are the characters that invoke alternate interpretation on the following character sequence
* It is a particular case of metacharacters
* Based on the context, we decide whether it is escape character or not
* Symbol used is \
* Example: s = “This is \”simple\” example”

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

* \n stands for new line
* \t stands for tab

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1. What is the way to include backslash characters in a string?
   * Use the \ twice so that it will nullify the impact of one \ in the string
   * Example: s= “backslash symbol is \\” ; print(s)
   * Output: backslash symbol is \

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1. 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?
   * Because when you specify the double quotes, python treat it as the whole string

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

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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!

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7. What are the values of the following expressions?

'Hello'.upper()

* HELLO

'Hello'.upper().isupper()

* True

'Hello'.upper().lower()

* hello

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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-only-one.

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

* right-justify - **rjust()**
* left-justify - **ljust()**
* center - **center()**

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

* Use the method **stripe()** to remove whitespace from both start and end
* **lstript()** to remove the whitespace from the start
* **rstripe()** to remove the whitespace from the end

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