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Assignment 6

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

Ans: Escape character is use to add special characters in string by the use of **backslash (\)** follow with character. E.g. \n, \t

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

Ans: **\n** use to **change the line** while **\t** is use to give **extra space** or **1 tab space**.

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

Ans: The way to include backslash characters in a string is **‘\\’**

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?

Ans: Because when we start sentence with double quote (“) then compiler only find another double quote (‘’) to close the sentence that’s why it look fine.

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

Ans: By using multiple **print()** method.

1. 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!’**

1. 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-only-one.**

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

Ans: right-justifying 🡪 **rjust()**

Left-justifying 🡪 **ljust()**

Centering 🡪 **center()**

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

Ans: The best way to remove whitespace characters from the start or end by using **strip()** method.