

ASSIGNMENT - 6

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

An escape character is a backslash \ followed by the character that we want to insert.

Ex: `print('This is \'INEURON\' assignment')`

The output for the above statement includes double quotes in the output as well.

Output: This is "INEURON" assignment

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

\n would move the control to the next line and \t is for giving a tab space.

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

We need to use double backslash to include a backslash in a string.

Ex: `print('This is INEURON assignment \\')`

Output: This is INEURON assignment \

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?

As we have used double quotes at the beginning and ending of the sentence, it would not end up with error.

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

We can use double quotes for three times at the beginning and ending of the sentence to print the output in multiple lines

`Print("""This`

`Is`

`Ineuron`

`Assignment""")`

Output: This

Is

Ineuron

Assignment

6. What are the values of the given expressions?

`'Hello, world!'[1]`

`'Hello, world!'[0:5]`

`'Hello, world!':5]`

`'Hello, world!'[3:]`

`'e'`

`'Hello'`

`'Hello'`

`'lo, world!'`

7. What are the values of the following expressions?

`'Hello'.upper()`

`'Hello'.upper().isupper()`

`'Hello'.upper().lower()`

`'HELLO'`

`TRUE`

`'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.'`

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

`rjust(), ljust(), center()`

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

`lstrip()` and `rstrip()` are used to remove the white spaces at the beginning and ending of a string