

# iNeuron Assignment

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

Ans :- Escape characters are special characters used to perform specific task like '\n' which is used for a new line.

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

Ans :- '\n' stands for new line whereas '\t' stands for tab i.e 4spaces

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

Ans :- One can simply include backslash character in string like

**Ex :-** `print("Hello \nWorld")` \n will make World print on the next tab

## **4. The string "Howl's Moving Castle" is the correct value. Why isn't the single quote character in the word Howl's not escaped a problem?**

Ans :- This is because the Entire string is in the double quotes so it doesn't raises the problem of single quotes but if the statement has been in the single quotes then it would have raised the problem

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

Ans :- By using multiple prints. Ex:- `print('Hello')`  
`print('World')`

## **6. What are the values of the given expressions?**

`'Hello, world!'[1]`

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

`'Hello, world!':5]`

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

Ans :- 1. e

2. Hell

3. Hell

4. lo, world!

**7. What are the values of the following expressions?**

**'Hello'.upper()**

**'Hello'.upper().isupper()**

**'Hello'.upper().lower()**

Ans :- HELLO

True

hello

**8. What are the values of the following expressions?**

**'Remember, remember, the fifth of July.'.split()**

Ans :- ['Remember', 'remember', 'the', 'fifth', 'of', 'July']

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

Ans :- rjust(), ljust(), center()

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

Ans:- trim() is the function that removes whitespaces from the start or end.