**Rishabh Kant Jha’s assignment – 6**

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

“\” is preceded by any escape character

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

n : New Line : \n

t : Tab space almost of 6 continuous whitespaces : \t

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

”\\” : backslash is used for another backslash to be included

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?

Python differentiates ‘ between “ hence these can be used without any issue of getting escaped.

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

Print(“Whatever we have written till now”, end=””)

6. What are the values of the given expressions? : *not clear on the question so making assumption here*

'Hello, world!'[1] e

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

'Hello, world!'[:5] Hello

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

7. What are the values of the following expressions?

'Hello'.upper()HELLOW

'Hello'.upper().isupper()False

'Hello'.upper().lower()False

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())*not clear on the question so making assumption here*

[There*,*can*,*only*,*one.]

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

The value we provide in the () is the padding we want on the variable.

Left Justified :

txt = "iNeuron"

x = txt.ljust(5)

v = ("learning from ",x,"currently")

print(v)

Right Justified :

txt = "iNeuron"

x = txt.rjust(5)

v = ("learning from ",x,"currently")

print(v)

Center Justified :

txt = "iNeuron"

x = txt.center(5)

v = ("learning from ",x,"currently")

print(v)

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

Just strip it : c = “ Valhalla ”

Left strip() : print(c.lstrip()) : “Valhalla “

Right strip(): print(c.lstrip()) : “ Valhalla“

Strip(): print(c.lstrip()) : “Valhalla“