ASSIGNMENT 6 PYTHON

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

Ans: Escape characters in python are:

\ Backslash

\\ Double backslash

\’ Single quote

\” Double quote

\n New line

\t Tab

\b Backspace

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

Ans: \n stands for new line and \t stands for tab

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

Ans: Suppose you want to use escape new line character, use /n in the string

a= ‘hi\nzeeba’

print(a)

then the answer will be

hi

zeeba

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?

Ans: There is no problem in Howl’s single quote because we are using double quote at the beginning and at the end of the string.

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

Ans: Multiline string can also be use for newlines in string without the use of \n.

6. What are the values of the given expressions?

'Hello, world!'[1]

Ans: e

'Hello, world!'[0:5]

Ans: Hello

'Hello, world!'[:5]

Ans: Hello

'Hello, world!'[3:]

Ans: lo, world!

7. What are the values of the following expressions?

'Hello'.upper()

Ans: HELLO

'Hello'.upper().isupper()

Ans: true

'Hello'.upper().lower()

Ans:hello

8. What are the values of the following expressions?

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

Ans:[ ‘Remember, ’ , ’remember, ‘ , ‘the’ , ‘fifth’ ,’of’ , ‘July.’]

'-'.join('There can only one.'.split())

Ans: There-can-only-one.

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

Ans: The string methods are rjust(), ljust(), center()respectively.

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