**Assignmet-4**

1. What are escape characters?

2. What do the \n and \t escape characters represent?

Ans- \n is used for next line while \t is used for tab space.

3. How can you put a \ backslash character in a string?

4. The string value "Howl's Moving Castle" is a valid string. Why isn’t it a problem that the single quote character in the word Howl's isn’t escaped?

5. If you don’t want to put \n in your string, how can you write a string with newlines in it?

Ans- By using triple double or single quotes.

6. What do the following expressions evaluate to?

1. 'Hello world!'[1] = ‘e’
2. 'Hello world!'[0:5] = ‘Hello’.
3. 'Hello world!'[:5] = ‘Hello’
4. 'Hello world!'[3:] = ‘lo world!’

7. What do the following expressions evaluate to?

1. 'Hello'.upper()  = ‘HELLO’
2. 'Hello'.upper().isupper() = True
3. 'Hello'.upper().lower() = ‘hello’

8. What do the following expressions evaluate to?

1. 'Remember, remember, the fifth of November.'.split()

= [ ‘Remember’, ‘remember’, ‘the’, ‘fifth’, ‘of’, ‘November.’]

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

= ‘ There-can-be-only-one’

9. What string methods can you use to right-justify, left-justify, and center a string? = rjust(), ljust(), center().

10. How can you trim whitespace characters from the beginning or end of a string? = strip()