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

**Ans** : Escape characters are the characters used to include special characters in a string. We use them by putting a backslash in front of a special character. For example : \’ , \”

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

**Ans** : \n is used to add line to string

\t is used to add tab.

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

**Ans** : To include backslash character in string we need to use 2 backslashes. \\

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** : It doesn’t escape a problem because in python we can use single quotes in string if string is defined in double quotes and vice versa.

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

**Ans** : We would need to use print() statement for every line if we don’t want to use n character.

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 : i) .rjust(length, ‘fillChar’)

ii) .ljust(length, ‘fillChar’)

iii) .center(length, ‘fillChar’)

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

**Ans** : We can use .strip() function to remove whitespaces from any string. We can use .lstrip() & .rstrip() to remove whitespaces from start or end.