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

Ans:- Escape characters are special characters in a string value which allow to insert characters in a string. They are used with back slash(\)

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

Ans:-\n stands for new line

\t stands for tab

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

Ans:-Blackslash characters in a string can be include with double blackslash(\\).

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:- The single quote in the word ‘Howl’s’ didn’t throw a error as double quote is used a the start and end of the sentence.

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

Ans:- To write a string of newlines it can be used with ‘\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()

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

Ans:- 'Remember’, ‘remember’, ‘the’, ‘fifth’, ‘of’, ‘July’

'There- can -only -one.'

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

Ans:-rjust(), ljust() and center() are the methods for right-justifying, left-justifying, and centering a string.

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

Ans:-To remove white spaces from the start or end of a string .strip() or it can be used with .lstrip() and .rstrip() based upon the white spaces available in the string.