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

Ans:

|  |
| --- |
| \’ |
| \\’ |
| \\ |
| \n |
| \r |
| \t |
| \b |
| \f |
| \v |

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

Ans: n stands for new line

t stands for horizontal tab space

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

Ans: using another backslash infront of it.

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: yes to escape that we have to use a backslash.

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

Ans: we can use print() for each line if we dont want to use \n

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans: e

Hello

Hello

lo, world

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans: ‘HELLO’

True

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: we can use format function to format string and can use < for left-justifying, > for right-justifying and ^ for centering a string.

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

Ans: lstrip() can be used to remove whitespace from start and rstrip() can be used to remove end whitespace from string. Using strip() will remove both start and end whitespace together.