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

Ans: backslash "\" is the escape character and is used in representing certain whitespace characters such as "\t" is a tab, "\n" is a newline.

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

Ans:"\t" is a tab, "\n" is a newline

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

Ans: \\ will include backslash character in a string

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: "Howl's Moving Castle" escaped the problem since it is inside double quotes. In case it was wrapped inside single quotes then we have to use escape character \'.

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

Ans: Multiline strings

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 fifith of July.'.split()

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

Ans:['Remember,', 'remember,', 'the', 'fifith', 'of', 'July.']

'There-can-only-one'

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

Ans:rjust(),ljust(),center()

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

Ans:lstrip() and rstrip()