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

ANs: Escape characters are represented as backlash \ followed by the character. They are used to insert not allowed characters in a string.

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

Ans: newline and tab respectively.

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

Ans: \\

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: Because the string starts and ends with double quotes “”.

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

Ans: by using triple quotes we can write multiline strings

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: The methods are rjust(), ljust() and center()

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

ANs: lstrip() and rstrip()