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

To insert characters that are illegal in a string, an escape character is used. An escape character is a backslash \ followed by the character one wants to insert.

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

Escape character n is use to start a newline while t is used to have a tab.

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

Use an backslash \ followed by another 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?

Because the string is started with double quote

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

file = open('f_data.txt', 'w')

new_data="I am fine"

file.writelines(new_data)

6. What are the values of the given expressions?

'Hello, world!'[1**], 'e'**

'Hello, world!'[0:5], **'Hello'**

'Hello, world!'[:5], **'Hello'**

'Hello, world!'[3:], **'lo, world!'**

7. What are the values of the following expressions?

'Hello'.upper(), **'HELLO'**

'Hello'.upper().isupper(),**True**

'Hello'.upper().lower(),**'hello'**

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split(), **['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']**

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

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

rjust(),ljust(),center()

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

To remove from start: use method lstrip()

To remove from the end: use method rstrip()