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

**To insert characters that are illegal in a string, use an escape character.**

**An escape character is a backslash \ followed by the character you want to insert.**

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

**It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return.**

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

**An escape character is a backslash \ followed by the character you want to insert.**

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?

**The single quote in Howl's is fine because you've used double quotes to mark the beginning and end of the string.**

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

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()

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

**['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']**

**There-can-be-only-one.**

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

**The rjust(), ljust(), and center() string methods, respectively**

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

**The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.**