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

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?

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

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

Use the syntax "\\" within the string literal to represent a single backslash.

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 the 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?

Just use \n

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?

The string rjust() method returns a right-justified string of a given minimum width.

ljust() for left-justifying.

The center() method will center align the string, using a specified character (space is default) as the fill character.

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

Use call the trim() method on your string to remove whitespace from the beginning and end of it. It returns a new string