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

Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code.

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

\n is used to add a newline and \t is used to add a tab in the code

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

The \\ escape character can be used for backslash character

1. 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?

As we used double quotes to begin and end the string , single quote would not be a problem

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

We can use multiline strings

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(), and center()

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

Lstrip(), rstrip()