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

In Python strings, **the backslash "\"** is a **special character**, also called the "**escape**" character. It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return

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

\n – New line

\t - Tab

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

Adding ‘r’ in the beginning of the string. It considers string as a row string.

String = r’abc\def\’

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 string is enclosed in double quotes, single quote used in string is not considered as a special/escape character.

1. 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, world!'[3:] – ‘lo, world!’

7. What are the values of the following expressions?

'Hello'.upper() – ‘HELLO’

'Hello'.upper().isupper() - True

'Hello'.upper().lower() - False

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?

Using built-in strip() function