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

Escape characters are used to allow special characters to string.To do this just add backslash(\) before charater you want to escape

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?

x = 'hi how're you'

x = 'hi how\'re you'

1. The string "Howl's Moving Castle" is a correct value. Why the single quote character in the word Howl isn’t escaped a problem?

Because when using single quote after l quote it is considered as the end of string but not in double quotes.

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

print("Hello", end = " ")

print ("world")

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() = HELLO= true

'Hello'.upper().lower() = HELLO=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?

All three are used in alignment of string:

Str.ljust(length, fillchr)

Str.rjust(length, fillchr)

Str.center(length, fillchr)

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

We can use .strip() method to remove whitespace