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

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

"\t" is whitespace character and "\n" is a newline

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

var s = "\\Tasks";

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?

Since the string starts with a double quotes, the single quote is considered as a part of the string and not the end of the string and so it escaped.

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

By using triple double quote we can achieve this.

my\_string = """This is line one

... and this is line two"""

print(my\_string)

 >>`This is line one

and this is line two

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()

eg:

'Hello'.rjust(20)

>>' Hello'

'Hello'.ljust(10)

>>'Hello '

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

lstrip() and rstrip() methods will remove whitespace characters from the left and right ends