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

* To insert characters that are illegal in a string, use an escape character. Escape characters represent characters in string. 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?

* \n :new line
* \t :tab space

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

* \\ will be used to represent backslash character in string

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 string is enclosed in double quotes “” so single quote ‘ doesn’t create any problem.

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

* ‘’’mutiline string‘’’: by using the 3 quotes we can write multiline string.

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?

* right-justifying :rjust()
* left-justifying :ljust()
* centering :center()

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

* lstrip() : to remove whitespace characters at start mean left end
* rstrip() : to remove whitespace characters at end , right end