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

**when we want to insert characters which are illegal in string escape characters are used. we can use it with the help of "\" (backslash)**

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

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

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

**using \\**

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?

**string can be define with the help of "" as well as ''. if the string is started with " then ' doesn't cause any problem and vice versa**

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

**with the help of \n**

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() : **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?

**strip()**