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

In computing escape characters are special characters which are used to give alternate behaviour

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

/n is new line

/t is tab

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

print(f"\njeevan") # i have used f string

this is a newly added feature in python

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?

Because for the string we have double quotes already

5. 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

'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()->by default is nothing is mentioned in split then it will split based on space and the answer will be->['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

'-'.join('There can only one.'.split())

Output of first part that is .split is

['There', 'can', 'only', 'one.']

Output after joining it using – is

There-can-only-one.

9. What are the methods for right-justifying, left-justifying, and centering a string?

ljust(),rjust(),center()

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

Use strip() method