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

Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code. we can use the backslash character to escape a single character or symbol

**example:** \t, \n

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?

\\

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?

If we are using single quote then we have to use \

'Howl\'s Moving Castle'

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

Triple quote

s="""Hello

I am here in the next line"""

print(s)

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()

center()

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

lstrip()

rstrip()