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

**Escape characters in Python are used to specify certain special characters or to represent certain characters using their ASCII or Unicode codes.**

**Escape characters can be used in Python strings by placing a backslash () before the character you want to escape.**

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

**n = New line**

**t = tab**

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

**In python you can include backslash characters in a string by using the escape character '\'. This tells Python to treat the following character as a literal backslash, rather than interpreting it as an escape character.**

1. 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?

**In Python, strings can be defined using either single quotes (') or double quotes ("). When using single quotes, any single quotes within the string must be escaped, while when using double quotes, any double quotes within the string must be escaped. In this case, the string is surrounded by double quotes, so the single quote in "Howl's" is not considered an escape character**

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

**We can use the triple quotes (either single or double) to define the 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()

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

**'There-can-only-one.'**

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

**str.rjust(), str.ljust() and str.center() respectively**

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

**str.lstrip(), str.rstrip(), and str.strip()**