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

To insert characters that are illegal in a string, use an escape character. An escape character is a backslash \ followed by the character you want to insert. Example: \n,\t

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

\n for newline and \t for tab

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

We must use ‘\\’ to represent backslash character in a string.

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?**

Because the string has started and ended with double quotes. So having single quote within double quotes string is not a problem.

1. **How do you write a string of newlines if you don't want to use the n character?**
2. **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!’

1. **What are the values of the following expressions?**

'Hello'.upper() 🡪’HELLO’

'Hello'.upper().isupper() 🡪 True

'Hello'.upper().lower() 🡪 ‘hello’

1. **What are the values of the following expressions?**

'Remember, remember, the fifth of July.'.split()

Output:-['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

'-'.join('There can only one.'.split())🡪 output:- ’There-can-only-one.’

1. **What are the methods for right-justifying, left-justifying, and center a string?**

Right justifying 🡪string\_name.rjust(units,fillchr)

Left justifying 🡪string\_name.ljust(units,fillchr)

Center 🡪string\_name.center(units,fillchr)

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

The lstrip() and rstrip() methods remove whitespace from the start and end of a string, respectively.