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

**Solution:** 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.

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

**Solution:** \n for newline and \t for tab

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

**Solution:** \\

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?

**Solution:** A single quote doesn’t cause problem because we have used double quotes in the start and end of statement.

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

**Solution**: With the help of Multiline strings.

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())

**Solution:** ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

'There-can-only-one.'

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

**Solution:** rjust(), ljust() and center()

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

**Solution:** lstrip() and rstrip() methods.