**Solutions:**

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

**Ans:** Escape characters helps us to include special characters into string.

It is used to represent certain whitespace characters or a newline in a piece of code.

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

**Ans:** ‘**\n’** stands for a newline and ‘**\t’** stands for four continuous white spaces.

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

**Ans:** We will have to use the escape character to include backslash in a string. So the expression will be **‘\\’**.

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?

**Ans:** Because the whole string is quoted between the double quotes. If the whole string would have quoted in between single quotes, we must have needed an escape character.

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

**Ans:** Multiline string (encoded within triple quotes) allows us to write string in newline without using ‘n’ character.

6. What are the values of the given expressions?

'Hello, world!'[1]

**Ans**: ‘e’

'Hello, world!'[0:5]

**Ans**: ‘Hello’

'Hello, world!'[:5]

**Ans**: ‘Hello’

'Hello, world!'[3:]

**Ans**: ‘lo, world!'

7. What are the values of the following expressions?

'Hello'.upper()

**Ans:** ‘HELLO’

'Hello'.upper().isupper()

**Ans:** True

'Hello'.upper().lower()

**Ans**: ‘hello’

8. What are the values of the following expressions?

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

**Ans:** ['Remember,', 'remember,', 'the', 'fifith', 'of', 'July.']

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

**Ans:** ‘There-can-only-one.’

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

**Ans:** The rjust(),ljust(),center() string methods, respectively

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

**Ans:** strip()