**Solutions:**

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

#### Ans: Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code

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

**Ans:** “\t” is a tab, “\n” is a new line

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

**Ans:** The \\ escape character will represent a backslash character.

**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:** The single quote in Howl's is fine because I've used double quotes to mark the beginning and end of the string.

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

**Ans:** Multiline strings allow us to use newlines in strings without the \n escape character.

**6. What are the values of the given expressions?**

**Ans:**

**'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?**

**Ans:**

**'Hello'.upper() 🡪** 'HELLO'

**'Hello'.upper().isupper() 🡪** True

**'Hello'.upper().lower() 🡪** 'hello'

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

**Ans:**

'Remember, remember, the fifth of July.'.split() **🡪** ['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']

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

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

**Ans:** 'There-can-be-only-one.’

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

**Ans:** The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.