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 :**

**\n is for new line and \t for new tab**

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 :**

**Because you have used double quote at beginning and at end**

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

**Ans :**

**Multiline strings allow you to use newlines in strings without the \n escape character.**

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Ans :**

**‘Hello, world’**

**‘Hello’**

**‘Hello’**

**‘lo, world!’**

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

**Ans :**

**‘HELLO’**

**True**

**‘hello’**

8. What are the values of the following expressions?

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

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

**Ans :**

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

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

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

**Ans :**

**The rjust(), ljust(),center() methods**

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

**Ans :**

**The lstrip() and rstrip() methods remove whitespaces**