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

**Answer:**

To insert characters that are illegal in a string, use an escape character.

The escape characters is a backslash “\” followed by the character you want to insert.

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

**Answer:**

\n – new line

\t – tab

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

**Answer:**

To include backslash character in a string put “\\”.

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?

**Answer:**

The single quote character in the string Howl's is a fine, because the whole string is properly

enclosed with double quotes at the start and end of the string.

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

**Answer:**

The end parameter should be set to “ “ in the print statememt.

Note: By default, the end parameter in the print statement is set as “\n”.

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Answer:**

'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'.upper().isupper()

'Hello'.upper().lower()

**Answer:**

'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())

**Answer:**

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

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

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

'There-can-only-one.'

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

**Answer:**

* str.ljust(s,width,fillchar) – Left Justifying
* str.rjust(s,width,fillchar) – Right Justifying
* str.center(s,width,fillchar) – Center Justifying

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

**Answer:**

* strip() –It will remove both leading and tailing whitespaces.
* lstrip()-It will remove whitespaces from the left side.
* rstrip()-It will remove whitespaces from the right side.