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

**Answer:**

Escape characters are special sequence character used with backslash which interprets to a different meaning when used with a string inside double quote.

Escape character are used after the backslash.

Ex: “\n”, “\t” etc

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

**Answer:**

\n is for new line

\t is for a single tab

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

**Answer:**

Backslash character can be included in a string with double backslash.

Ex: \\ will produce \

[\\n](file:///\\n) will produce \n

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?

**Answer:**

As the single quote is used inside the double quote it is not creating any problem.

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

**Answer:**

Use another print statement

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() **# ['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:**

ljust() – left justify,

rjust() – right justify,

center() – center align

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

**Answer:**

Use **strip()** method