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

In python, backslash ( \ ) is a special character known as escape character. If we follow some specific characters after backslash then they would yield a different meaning in python. For example: “**\n**” is a new line character, “**\t**” is a tab character, etc.

We should use these characters when we need such special outputs in our program(s) like we want new line before anything, or we need tab space before any word defined, etc.

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

**\n** stands for new line

**\t** stands for tab space

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

We just place backslashes in a string in which we want to include backslash characters. For example: if I want to print inverted comma in my string.

print (“hi this is a **\”** backslash character.”)

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?**

It is because python is smart enough to put single quote if the string is already in double quote or vice versa.

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

I will place it in a double or single quotes.

For example:

print(“**\n** is a new line character”)

1. **What are the values of the given expressions?**
2. **'Hello, world!'[1]**
3. **'Hello, world!'[0:5]**
4. **'Hello, world!'[:5]**
5. **'Hello, world!'[3:]**
6. e
7. Hello
8. Hello
9. lo, world!

1. **What are the values of the following expressions?**
2. **'Hello'.upper()**
3. **'Hello'.upper().isupper()**
4. **'Hello'.upper().lower()**
5. ‘HELLO’
6. True
7. ‘hello’
8. **What are the values of the following expressions?**
9. **'Remember, remember, the fifth of July.'.split()**
10. **'-'.join('There can only one.'.split())**
11. ['Remember,’, ‘remember,’, ‘the’, ‘fifth’ ,‘of’, ‘July.']
12. 'There-can-only-one.'
13. **What are the methods for right-justifying, left-justifying, and centring a string?**

Right justify: **rjust()**

Left justify: **ljust()**

Centring: **center()**

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

The following method is used to remove whitespace characters from the start and end:

**string.strip()**