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

**Answer:**

Escape characters helps us use the special characters, e.g.: **‘(inverted commas)** in **string** which are not possible to use in normal case.

For example:

#print('It's a beautiful day')

#the above particular problem can be fixed by escape character

print('It\'s a beautiful day')

#back slash= escape character = \

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

**Answer**:

|  |  |
| --- | --- |
| \n | New line |
| \t | Tab |

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

**Answer:**

|  |  |
| --- | --- |
| Backslash | **\\** use double back slash |

**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:** Since we have used **double inverted commas**. Then according to python rules the single inverted commas which are inside are counted as string.

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

**Answer**: use **Triple Quote**

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

**Answer:**

|  |  |
| --- | --- |
| **Question** | **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**:

|  |  |
| --- | --- |
| **Question** | **Answer** |
| **'Hello'.upper()** | ‘Hello’ |
| **'Hello'.upper().isupper()** | True |
| **'Hello'.upper().lower()** | False |

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

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

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

**Answer:**

|  |  |
| --- | --- |
| **Question** | **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 centring a string?**

**Answer:**

|  |  |
| --- | --- |
| **right-justifying** | String.rjust(10) |
| **left-justifying** | String.ljust(20) |
| **centring a string** | String.center(30) |

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

**Answer**: use **.strip() and to be more specific .lstrip() and rstrip()**