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

**Ans :**

**An escape character is a backslash \ followed by the character you want to insert.**

**txt = 'It\'s alright.'**

**print(txt)**

**It's alright. #OutPut**

**txt = "This will insert one \\ (backslash)."**

**print(txt)**

**This will insert one \ (backslash). #OutPut**

**txt = "Hello\nWorld!"**

**print(txt)**

**Hello). #OutPut**

**World!**

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

**Ans : n: - used for new line**

**t:- space of tab**

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

**txt = "This will insert one \\ (backslash)."**

**print(txt)**

**This will insert one \ (backslash). #OutPut**

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?**

**Ans : because you specified in between double quote that’s why it is showing. you can replace that**

mystring ="Howl's Moving Castle"

print(mystring.replace("'",""))

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

**Ans: No. You have to use \n for a new line**

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

**'Hello, world!'[1]------------------------- Ans: e**

**'Hello, world!'[0:5]-----------------------Ans: Hello**

**'Hello, world!'[:5]------------------------- Ans: Hello**

**'Hello, world!'[3:]---------------------------Ans: lo, world**

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

**'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()**

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

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

**Ans : There-can-only-one.**

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

**string = "ineuron is best"**

**print ("The original string is : \n", string, "\n")**

**#centring**

**print ("The center aligned string is : ")**

**print (string.center(40), "\n")**

**#left jsutify**

**print ("The left aligned string is : ")**

**print (string.ljust(40, '-'))**

**#right justfiy**

**print ("The left aligned string is : ")**

**print (string.rjust(40, '-'))**

**Output :**

**The original string is :**

**ineuron is best**

**The center aligned string is :**

**ineuron is best**

**The left aligned string is :**

**ineuron is best-------------------------**

**The left aligned string is :**

**-------------------------ineuron is best**

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

**Ans : mystring = '   ineuron is best      '**

**print( mystring.strip())**

**Output: ineuron is best**