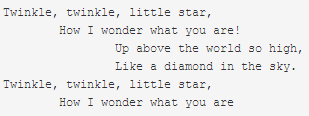
**Assignment 3**

**Q1: Write a Python program to print the following string in a specific format**

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**Q2: Write a Python program to calculate the length of a string.**

**Q3: Write a Python program to sum all the items in a list.**

**Q4: Write a Python program to get the largest number from a list.**

**Q5: Write a Python program to get the smallest number from a list**.

**Q6: Write a Python program which accepts a sequence of comma-separated numbers from user and generate a list and a tuple with those numbers.**

**Q7: Write a Python program to display the first and last colors from the following list.**

**color\_list = ["Red","Green","White" ,"Black"]**

**Q 8: Write a Python program to print the following:**

**a string that you "don't" have to escape  
This  
is a ....... multi-line  
heredoc string --------> example**

**Q9: Write a Python program to print out a set containing all the colors from a list which are not present in another list**

**Test Data:**

**color\_list\_1 = set(["White", "Black", "Red"])   
color\_list\_2 = set(["Red", "Green"])**

**Q10: Write a Python program to display your details like name, age, address in three different lines.**

**Q11: Write a Python program to compute the future value of a specified principal amount, rate of interest, and number of years. Output Value should be rounded upto two decimal places only.**

**Q12: Write a Python program to compute the distance between the points (x1, y1) and (x2, y2).**

**Q13: : Write a Python program to get a string made of the first 2 and the last 2 chars from a given a string.**

**Q14: a Python program to get a string from a given string where all occurrences of its first char have been changed to '$', except the first char itself.**

**Sample String : 'restart'  
Expected Result : 'resta$t'**

**Q15: Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.**

**Sample String : 'abc', 'xyz'   
Expected Result : 'xyc abz'**

**Q16: Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string is already ends with 'ing' then add 'ly' instead.**

**Q17: Write a Python program to change a given string to a new string where the first and last chars have been exchanged.**

**Q18: Write a Python program to get a string made of 4 copies of the last two characters of a specified string (length must be at least 2).   
  
'Python' -> onononon  
'Exercises' -> eseseses**

**Q19: Write a Python program to add key to a dictionary.**

**Sample Dictionary : {0: 10, 1: 20}  
Expected Result : {0: 10, 1: 20, 2: 30}**

**Q20: Write a Python program to concatenate following dictionaries to create a new one.**

**Sample Dictionary :   
dic1={1:10, 2:20}   
dic2={3:30, 4:40}   
dic3={5:50,6:60}  
Expected Result : {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}**