1. Write a Python program to print the following string in a specific format (see the output). Go to the editor

Sample String : "Twinkle, twinkle, little star, How I wonder what you are! Up above the world so high, Like a diamond in the sky. Twinkle, twinkle, little star, How I wonder what you are" Output :

Twinkle, twinkle, little star,

How I wonder what you are!

Up above the world so high,

Like a diamond in the sky.

Twinkle, twinkle, little star,

How I wonder what you are

2. [3:09 pm, 24/08/2022] Suriyaa: Write a Python program which accepts the radius of a circle from the user and compute the area. Go to the editor

Sample Output :

r = 1.1

3. Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them

4. Write a Python program which accepts a sequence of comma-separated numbers from user and generate a list and a tuple with those numbers. Go to the editor

Sample data : 3, 5, 7, 23

Output :

List : ['3', ' 5', ' 7', ' 23']

Tuple : ('3', ' 5', ' 7', ' 23')

5. Write a Python program to accept a filename from the user and print the extension of that. Go to the editor

Sample filename : abc.java

Output : java

6. Write a Python program to display the first and last colors from the following list. Go to the editor

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

7. Write a Python program that accepts an integer (n) and computes the value of n+nn+nnn. Go to the editor

Sample value of n is 5

Expected Result : 615

8. Write a Python program to calculate number of days between two dates.

Sample dates : (2014, 7, 2), (2014, 7, 11)

Expected output : 9 days

9. Write a Python program to get the difference between a given number and 17, if the number is greater than 17 return double the absolute difference

10.Write a Python program to test whether a number is within 100 of 1000 or 2000.

11. Write a Python program to get a new string from a given string where "Is" has been added to the front. If the given string already begins with "Is" then return the string unchanged

12.Write a Python program to count the number 4 in a given list.

13.Write a Python program to get the n (non-negative integer) copies of the first 2 characters of a given string. Return the n copies of the whole string if the length is less than 2

14.Write a Python program to test whether a passed letter is a vowel or not.

15.Write a Python program to check whether a specified value is contained in a group of values. Go to the editor

Test Data :

3 -> [1, 5, 8, 3] : True

-1 -> [1, 5, 8, 3] : False