

Assignment 1

Kindly think before u google!!!!!!!!!!!!!!!!!!!!!!

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

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. Write a Python program to get the Python version you are using

Output:

```
Python version  
3.5.2 (default, Sep 10 2016, 08:21:44)  
[GCC 5.4.0 20160609]  
Version info.  
sys.version_info(major=3, minor=5, micro=2,  
releaselevel='final', serial=0)
```

3. Write a Python program to display the current date and time.

Sample Output :

Current date and time :
2014-07-05 14:34:14

4. Write a Python program which accepts the radius of a circle from the user and compute the area.

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

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

Expected output : 9 days

6. Write a Python program to get the volume of a sphere with radius 6.

7. Write a Python program to test whether a number is within 100 of 1000 or 2000
8. Write a Python program to calculate the sum of three given numbers, if the values are equal then return thrice of their sum
9. Write a Python program that will accept the base and height of a triangle and compute the area
10. Write a Python program to display your details like name, age, address in three different lines.
11. Write a Python program to solve $(x + y) * (x + y)$.
Test Data : $x = 4, y = 3$
Expected Output : $(4 + 3) ^ 2 = 49$
12. Write a Python program to compute the distance between the points (x_1, y_1) and (x_2, y_2) .
13. Write a Python program to get OS name, platform and release information
14. Write a Python to find local IP addresses using Python's `stdlib`
15. Write a Python program to get the ASCII value of a character.
16. Write a Python program to get the size of a file
17. Write a Python program to get the system time
18. Write a Python program to add leading zeroes to a string
19. Write a Python program to input two integers in a single line
20. Write a Python program to replace a string "Python" with "Java" and "Java" with "Python" in a given string.

Input:

English letters (including single byte alphanumeric characters, blanks, symbols) are given on one line. The length of the input character string is 1000 or less.

Input a text with two words 'Python' and 'Java'

Python is popular than Java

Java is popular than Python