**Assignment Day 1**

1. Write a Python program to print the following string in a specific format.

***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***

1. Write a Python program that read a string from a user and print the sting in double quotation marks.
2. Write a Python program which accepts the radius of a circle from the user and compute the area.
3. Write a Python program that will accept the base and height of a triangle and compute the area.
4. Write a Python program to perform swapping of two numbers with or without third variable.
5. Write a Python program that read a 3 digit number from user and perform the addition of their digits.
6. Write a python program to find the greatest number among three.
7. Write a python program to display a greet message according to the marks obtained by the student.
8. Enter basic salary from the user. Write a program to calculate DA and HRA on the following conditions:-

|  |  |  |
| --- | --- | --- |
| *Salary* | *DA* | *HRA* |
| *<=2000* | *10%* | *20%* |
| *>2000 && <=5000* | *20%* | *30%* |
| *>5000 && <=10000* | *30%* | *40%* |
| *>10000* | *50%* | *50%* |