# Python Programming
## Assignment-01
## Submission Deadline: 11th FEB 2017

1.  Write Python Program (WPP) to enter length and breadth of a rectangle and calculate area and perimeter of the rectangle.
2.  WPP to enter radius of circle and calculate area and circumference of circle.
3.  WPP to enter value in centimetre and convert it to meter and kilometre.
4.  WPP to enter value in Celsius and convert it to farhenient.
5.  WPP to enter value in days and convert in form of years, months and days (assuming all month has 30 days and year is of 360).

    eg: input is 400 so output should be 1 year 1 month and 10 days

6.  WPP to find power of any number in form of x^y where x and y are user inputs.
7.  WPP to enter 2 angles and using function thirdangle( angle1, angle2 ) calculate third angle.
8.  WPP to enter base and height of triangle and calculate area of triangle.
9.  WPP to enter marks of 5 subjects and find the mean of 5 subjects, calculate percentage. If percentage is less than 35 print fail else print pass.
10. WPP to enter principal amount, time and interest rate. Create simple_interest(principal, time, rate) function to calculate simple interest.
11. WPP to enter principal amount, time and interest rate. Create compound_interest(principal, time, rate) function to calculate compound interest.
12. Write a Python program that accepts an integer (n) and computes the value of n+nn+nnn.
    *Sample value of n is* 5
    *Expected Result :* 615
13. Write a Python program to find whether a given number (accept from the user) is even or odd, print out an appropriate message to the user.