**Module 2**

**Python Assignment 3**

1. Write a Python program to find area of a circle using math function.
2. Write a program to find Area of Regular Polygon using math function.
3. Write a program to find Area of a Segment of a Circle Formula using math function.
4. Write a python program to shuffle list l1=[100,1,2,3,30,40,”hai”,”hello”].
5. Write a program to generate random numbers between 1,10000 and difference between each random number is 50.
6. Write a python program by using math module to find
7. Sin600
8. cos(pi)
9. tan900
10. angle of sin(0.8660254037844386)
11. 5^8
12. Square root of 400
13. The value of 5^e
14. The value of Log(1024), base 2
15. The value of Log(1024), base 10
16. The Floor and Ceiling value of 23.56