Lab 2

1. To find the sum of square root of any three numbers.
2. To solve the quadratic equation.
3. Find GCD of two numbers
4. Compute a)5 to the power of 8 b)square root of 400 c)exponent of 5 d)Logarithm of 625 base 5
5. Compute a)sin of 60 degree b)cos of pi c)sin(0.8660254037844386) d)tan of 90 degree
6. Define a sum function with two parameters and call the function
7. WAP to reverse a given string.
8. Write a function to calculate the power of a number using recursion
9. Convert Decimal number to Binary
10. Write a program in Python to check if a number is Krishnamurthy number.
11. Write a program in Python to find the sum of digits of a number.
12. Write a program in Python that prompts the user to input a number and prints its multiplication table.
13. Write a Python program to print the first 6 terms of a geometric sequence starting with 2 and having a common ratio of 3.
14. Print the series upto N terms: 1,2,6,24,120,720 …
15. Write a Python program that prompts the user to enter a base number and an exponent, and then calculates the power of the base to the exponent. The program should not use the exponentiation operator (**) or the math.pow() function.

***Misc – 10 programs from Java Assignment**