PYTHON PROGRAM LIST

1. Write a Python program to find GCD of two numbers.

2. Write a Python program to find the exponentiation of a number.

3. Write a Program for checking whether the given number is a even number or not

4. Write a Python program to find the largest of three numbers.

5. Write a program to check if give number is a perfect number.

6. Write a program to check if give number is an Armstrong number.

7. Write a Python program to find the given year is a leap year on not.

8. Using a for loop, write a program that prints out the decimal equivalents of 1/2, 1/3, 1/4, . . . ,1/10

9. Find mean, median, mode for the given set of numbers in a list.

10. Write a program using a while loop that asks the user for a number, and prints a countdown from that number to zero.

11. Write a Python program to find first n prime numbers.

12. Write a Python program to print ‘n terms of Fibonacci series using iteration.

13. Write a Python Program to find the maximum from a list of numbers.

15. Write a Python program to multiply matrices.

16. Write a Python Program to perform Linear Search

17. Write a Python Program to perform Binary Search

18. Write a Python Program to perform Selection Search

19. Write a Python Program to perform insertion sort.

20. Write a Python Program to perform Merge sort.

21. Write a program to perform addition of two square matrices

22. Write a program to perform multiplication of two square matrices

23. Write function to compute gcd, lcm of two numbers.

24. Write a program to count the numbers of characters in the input string.

25. Write a program to count number of vowels, consonants and other characters in a string.