1. Write a program to find the area and perimeter of (I) square (ii) rectangle.

2. Write a Program to find the sum of first n natural numbers.

3. Write a program to calculate the average of n numbers.

4. Write a program to check whether the number is even or odd.

5. Write a program to find largest of three numbers.

6. Write a program to swap the values of two given variables.

7. Write a program to find the square of a given number.

8. Write a program to calculate the roots of a quadratic equation.

9. Write a program to compute the sum of squares of n natural numbers.

10. Write a program to reverse a given number and also calculate the number of digits in the number.

11. Write a program to calculate the sum of digits of a given number.

12. Write a program to calculate the factorial of a given positive number.

13. Write a program to generate Fibonacci series up to n terms.

14. Write a program to find the GCD and LCM of two given positive numbers.

15. Write a program to print first n prime numbers.

16. Write a program to print 1 if input character is capital, 2 if input character is a lowercase alphabet,

3 if input character is a digit and 4 if some other special character.

17. Write a program to check whether a number is an Armstrong number.

18. Write a program to find the power of a number.

19. Write a program to find the sum of n terms of the series: n-n\*2/2!+n\*3/3!- n\*4/4!+……….

19. Write a program to find the maximum/minimum number in a given array.

20. Write a program to search a number in an array using linear search.

21. Write a program to sort a given array using Bubble sort.

22. Write a program to concatenate two one-dimensional arrays.

23. Write a program to add, subtract and multiply two m by n matrices.

24. Write a program to detect the occurrence of a character in a given string.

25. Write a program to count the number of characters in a given string with and without using

Strlen () function,

26. Write a program to copy the contents of one string to another with and without using strcpy ()

Function.

27. Write a program to determine whether the entered character string is palindrome or not.

28. Write a program to enter the marks, address of several students and prepare the mark sheet of

each student. Use structures.

29. Write a program to calculate net salary / printing of salary statement of an employee. Use

Structures.

30. Write a program to calculate the factorial of a number using recursion.

31. Write a program to generate a Fibonacci series using recursion.