1. Write a program to identify if the character is a vowel or consonant

2. Write a program to identify if the character is an alphabet or not

3. Write a program to find the ASCII values of a character

4. Write a program to find the number of digits in an integer

5. Write a program to find the factorial of a number

6. Write a program to find the Fibonacci series up to n

7. Write a program to identify if a number is positive or negative

8. Write a program to identify if the number is even or odd

9. Write a program to find the Area of a circle

10. Write a program to find the Area of a rectangle

11. Write a program to find the Area of a Triangle

12. Write a program to find the Sum of digits of a number

13. Write a program to find the Sum of N natural numbers

14. Write a program to find the Sum of numbers in a given range

15. Write a program to reverse a given number

16. Write a program to find the LCM of two numbers

17. Write a program to identify if the number is Strong number or not

18. Write a program to identify if the number is Perfect number or not

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

20. Write a program to find the factors of a number

21. Write a program to add two fractions

22. Write a program to find the GCD of two numbers

23. Write a program to identify if the number is Armstrong number or not

24. Write a program to find the greatest of two numbers

25. Write a program to find the greatest of three numbers

26. Write a program to identify if the year is Leap Year or not

27. Write a program to identify if the number is a Prime number or not

28. Write a program to identify if the number is Palindrome or not

29. Write a program to print prime numbers in a given range

30. Write a program to print Armstrong numbers between two intervals

31. Write a program to express a number as a sum of two prime numbers?

32. Write a program to replace all 0’s with 1 in a given integer

33. Write a program to print a Pyramid pattern using stars

34. Write a program to print a Pyramid pattern using numbers

35. Write a program to print Palindromic pyramid pattern printing

36. Write a program to calculate the maximum number of handshakes for a group of N people

37. Write a program to find the Quadrants in which coordinates lie

38. Write a program to convert digits/numbers to words

39. Write a program to find the number of days in a given month of a given year

40. Write a program to find permutations in which n people can occupy r seats in a classroom.

41. Write a program for binary-to-decimal conversion

42. Write a program for decimal to binary conversion

43. Write a program for binary to octal conversion

44. Write a program for octal to binary conversion

45. Write a program for decimal to octal conversion

46. Write a program for octal to decimal conversion

47. Write a program to find the number of times digit 3 occurs in each and every number from 0 to n

48. Write a program to find the number of integers which has exactly 9 divisors

49. Write a program to find the roots of a quadratic equation

50. Write a program to print Solid and hollow rectangle star pattern

51. Write a program to print a diamond pattern printing using stars

52. Write a program to print a diamond pattern printing using numbers

53. Write a program to print Floyd’s triangle

54. Write a program to print the Pascal triangle

55. Write a program to copy a string.

56. Write a program to reverse a string.

57. Write a program to concatenate a string.

58. Write a program to print a string.

59. Write a program to print the length of a string.

60. Write a program to compare two strings.

61. Write a program to print the Length of the string without using strlen() function

62. Write a program to Toggle each character in a string

63. Write a program to Remove vowels from a string

64. Write a program to check if String is a palindrome or not

65. Write a program to Sort a string in alphabetical order

66. Write a program to Remove brackets from an algebraic expression

67. Write a program to Remove characters in a string except for alphabets

68. Write a program to Remove spaces from a string

69. Write a program to Count the sum of numbers in a string

70. Write a program to Capitalize the first and last letter of each word of a string

71. Write a program to calculate the frequency of characters in a string

72. Write a program to print non-repeating characters in a string

73. Write a program to check if two strings are Anagram or not

74. Write a program to replace substring in a string

75. Write a program to count common subsequences in two strings

76. Check if two strings match where one string contains a wildcard character

77. Write a program to check if two arrays are the same or not

78. Write a program to find the array type

79. Write a program to find missing elements of a range

80. Write a program to find Triplets with a given sum

81. Write a program to find the number of even and odd elements in an array

82. Write a program to find the Frequency of each element of an array

83. Write a program for basic array operations (insert, delete, and search an element)

84. Write a program to find the smallest and largest element in an array

85. Write a program to find the sum of elements in an array

86. Write a program to find the longest palindrome in an array

87. Write a program to remove duplicate elements in an array

88. Write a program to find the minimum scalar product of two vectors

89. Write a program to find the sum of positive square elements in an array

90. Write a program to find the second smallest element in an array

91. Write a program to for sorting the elements of an array

92. Write a program for Reversing an array

93. Write a program to find the maximum product subarray in a given array

94. Write a program to find whether Arrays are disjoint or not

95. Write a program to find whether an array is a subset of another array or not.

96. Write a program to find the maximum scalar product of two vectors

97. Write a program to find whether the numbers of an array be made equal?

98. Write a program to find symmetric pairs in an array

99. Write a program to count distinct elements of an array

100. Write a program to find non-repeating elements of an array

101. Write a program to find repeating elements in an array