1. Write a C program to print all natural numbers from 1 to n. – using while loop
2. Write a C program to print all natural numbers in reverse (from n to 1). – using while loop
3. Write a C program to print all alphabets from a to z. – using while loop
4. Write a C program to print all even numbers between 1 to 100. – using while loop
5. Write a C program to print all odd number between 1 to 100.
6. Write a C program to find sum of all natural numbers between 1 to n.
7. Write a C program to find sum of all even numbers between 1 to n.
8. Write a C program to find sum of all odd numbers between 1 to n.
9. Write a C program to print multiplication table of any number.
10. Write a C program to count number of digits in a number.
11. Write a C program to find first and last digit of a number.
12. Write a C program to find sum of first and last digit of a number.
13. Write a C program to swap first and last digits of a number.
14. Write a C program to calculate sum of digits of a number.
15. Write a C program to calculate product of digits of a number.
16. Write a C program to enter a number and print its reverse.
17. Write a C program to check whether a number is palindrome or not.
18. Write a C program to find frequency of each digit in a given integer.
19. Write a C program to enter a number and print it in words.
20. Write a C program to find power of a number using for loop.
21. Write a C program to find all factors of a number.
22. Write a C program to calculate factorial of a number.
23. Write a C program to find HCF (GCD) of two numbers.
24. Write a C program to find LCM of two numbers.
25. Write a C program to check whether a number is Prime number or not.
26. Write a C program to print all Prime numbers between 1 to n.
27. Write a C program to find sum of all prime numbers between 1 to n.
28. Write a C program to find all prime factors of a number.
29. Write a C program to check whether a number is Armstrong number or not.
30. Write a C program to print all Armstrong numbers between 1 to n.
31. Write a C program to check whether a number is Perfect number or not.
32. Write a C program to print all Perfect numbers between 1 to n.
33. Write a C program to check whether a number is Strong number or not.
34. Write a C program to print all Strong numbers between 1 to n.
35. Write a C program to print Fibonacci series up to n terms.
36. Write a C program to find one’s complement of a binary number.
37. Write a C program to find two’s complement of a binary number.
38. Write a C program to convert Binary to Octal number system.
39. Write a C program to convert Binary to Decimal number system.
40. Write a C program to convert Binary to Hexadecimal number system.
41. Write a C program to convert Octal to Binary number system.
42. Write a C program to convert Octal to Decimal number system.
43. Write a C program to convert Octal to Hexadecimal number system.
44. Write a C program to convert Decimal to Binary number system.
45. Write a C program to convert Decimal to Octal number system.

46. Write a C program to convert Decimal to Hexadecimal number system.
47. Write a C program to convert Hexadecimal to Binary number system.
48. Write a C program to convert Hexadecimal to Octal number system.
49. Write a C program to convert Hexadecimal to Decimal number system.
50. Write a C program to print Pascal triangle upto n rows.
51. Star pattern programs – Write a C program to print the given star patterns.
52. Number pattern programs – Write a C program to print the given number patterns.

1.

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```

2.

```
*
* *
* * *
* * * *
* * * * *
```

3.

```
    1
  2   2
3   3   3
4   4   4   4
```