

LIST OF LOOP PROGRAMMING EXERCISES

Mr. Anand Kumar

Visit for more: <https://github.com/Anand62>

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.

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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 print all ASCII character with their values.
21. Write a C program to find power of a number using for loop.
22. Write a C program to find all factors of a number.
23. Write a C program to calculate factorial of a number.
24. Write a C program to find HCF (GCD) of two numbers.
25. Write a C program to find LCM of two numbers.
26. Write a C program to check whether a number is Prime number or not.
27. Write a C program to print all Prime numbers between 1 to n.
28. Write a C program to find sum of all prime numbers between 1 to n.
29. Write a C program to find all prime factors of a number.

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30. Write a C program to check whether a number is Armstrong number or not.
31. Write a C program to print all Armstrong numbers between 1 to n.
32. Write a C program to check whether a number is Perfect number or not.
33. Write a C program to print all Perfect numbers between 1 to n.
34. Write a C program to check whether a number is Strong number or not.
35. Write a C program to print all Strong numbers between 1 to n.
36. Write a C program to print Fibonacci series up to n terms.
37. Write a C program to find one's complement of a binary number.
38. Write a C program to find two's complement of a binary number.
39. Write a C program to convert Binary to Octal number system.
40. Write a C program to convert Binary to Decimal number system.
41. Write a C program to convert Binary to Hexadecimal number system.
42. Write a C program to convert Octal to Binary number system.
43. Write a C program to convert Octal to Decimal number system.
44. Write a C program to convert Octal to Hexadecimal number system.

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45. Write a C program to convert Decimal to Binary number system.
46. Write a C program to convert Decimal to Octal number system.
47. Write a C program to convert Decimal to Hexadecimal number system.
48. Write a C program to convert Hexadecimal to Binary number system.
49. Write a C program to convert Hexadecimal to Octal number system.
50. Write a C program to convert Hexadecimal to Decimal number system.
51. Write a C program to print Pascal triangle upto n rows.
52. Star pattern programs – Write a C program to print the given star patterns.
53. Number pattern programs – Write a C program to print the given number patterns.
54. Write C program to print alphabets from a to z
55. Write C program to print ASCII values of all characters
56. Write C program to print multiplication table of a given number
57. Write a C program to print all natural numbers in reverse order
58. Write a C program to print sum of digits enter by user

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59. Write C program to find sum of even numbers between 1 to n
60. Write C program to find sum of odd numbers between 1 to n
61. Write C program to swap first and last digit of a number
62. Write C program to find the sum of first and last digit of any number
63. Write C program to find first and last digit of any number
64. Write C program to calculate product of digits of a number
65. Write C program to reverse a number using while & for loop
66. Write C program to calculate power using while & for loop
67. Write C program to find factorial of any number
68. Write a C program to check whether a number is Armstrong number or not
69. Write C program to find Armstrong numbers between 1 to n
70. Write a C program to calculate compound Interest
71. Write a C program to check a enter number is Prime number or not using while & for loop
72. Write a C program to check whether a number is palindrome or not

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- 73. Write C program to print number in words
- 74. Write C program to find HCF of two numbers
- 75. Write C program to find LCM of two numbers