**List of loop programming exercises**

1. [Write a C program to print all natural numbers from 1 to n.](http://codeforwin.org/2015/06/c-program-to-print-natural-numbers-from-1-to-n.html) - using [while loop](http://codeforwin.org/2015/06/c-program-to-print-numbers-from-1-to-n-using-while-loop.html)
2. [Write a C program to print all natural numbers in reverse (from n to 1)](http://codeforwin.org/2015/07/c-program-to-print-all-natural-numbers-in-reverse.html). - using [while loop](http://codeforwin.org/2015/07/c-program-to-print-all-natural-numbers.html)
3. [Write a C program to print all alphabets from a to z.](http://codeforwin.org/2015/06/c-program-to-print-a-to-z.html) - using [while loop](http://codeforwin.org/2015/07/c-program-to-print-all-alphabets-using-while-loop.html)
4. [Write a C program to print all even numbers between 1 to 100.](http://codeforwin.org/2015/06/c-program-to-print-all-even-numbers-between-1-to-100.html) - using [while loop](http://codeforwin.org/2015/06/c-program-to-print-all-even-numbers-using-while-loop.html)
5. [Write a C program to print all odd number between 1 to 100.](http://codeforwin.org/2015/06/c-program-to-print-all-odd--numbers-between-1-to-100.html)
6. [Write a C program to find sum of all natural numbers between 1 to n.](http://codeforwin.org/2015/06/c-program-to-calculate-sum-of-first-n-natural-numbers.html)
7. [Write a C program to find sum of all even numbers between 1 to n](http://codeforwin.org/2015/06/c-program-to-print-sum-of-all-even-numbers-between-1-to-n.html).
8. [Write a C program to find sum of all odd numbers between 1 to n](http://codeforwin.org/2015/06/c-program-to-print-sum-of-all-odd-numbers-between-1-to-n.html).
9. [Write a C program to print multiplication table of any number](http://codeforwin.org/2015/06/c-program-to-print-table-of-any-number.html).
10. [Write a C program to count number of digits in a number](http://codeforwin.org/2016/10/c-program-to-count-number-of-digits-in-number.html).
11. [Write a C program to find first and last digit of a number](http://codeforwin.org/2015/06/how-to-find-first-and-last-digit-of-any-number.html).
12. [Write a C program to find sum of first and last digit of a number.](http://codeforwin.org/2015/06/c-program-to-find-sum-of-first-and-last-digit-of-number.html)
13. [Write a C program to swap first and last digits of a number](http://codeforwin.org/2016/01/c-program-to-swap-first-and-last-digit-of-number.html).
14. [Write a C program to calculate sum of digits of a number](http://codeforwin.org/2015/06/c-program-to-calculate-sum-of-digits.html).
15. [Write a C program to calculate product of digits of a number](http://codeforwin.org/2015/06/c-program-to-calculate-product-of-digits.html).
16. [Write a C program to enter a number and print its reverse](http://codeforwin.org/2015/06/c-program-to-find-reverse-of-any-number.html).
17. [Write a C program to check whether a number is palindrome or not.](http://codeforwin.org/2015/06/c-program-to-check-whether-number-is-palindrome-or-not.html)
18. [Write a C program to find frequency of each digit in a given integer](http://codeforwin.org/2016/10/c-program-to-count-frequency-of-digits-in-number.html).
19. [Write a C program to enter a number and print it in words.](http://codeforwin.org/2015/06/c-program-to-print-numbers-in-words.html)
20. [Write a C program to print all ASCII character with their values](http://codeforwin.org/2015/06/c-program-to-print-ascii-values-of-all-characters.html).
21. [Write a C program to find power of a number using for loop](http://codeforwin.org/2015/07/c-program-to-find-power-of-number-using-for-loop.html).
22. [Write a C program to find all factors of a number](http://codeforwin.org/2015/06/c-program-to-print-factors-of-any-number.html).
23. [Write a C program to calculate factorial of a number](http://codeforwin.org/2015/06/c-program-to-calculate-factorial-of-any-number.html).
24. [Write a C program to find HCF (GCD) of two numbers](http://codeforwin.org/2015/06/c-program-to-find-hcf-of-two-numbers.html).
25. [Write a C program to find LCM of two numbers](http://codeforwin.org/2015/06/c-program-to-find-lcm-of-two-numbers.html).
26. [Write a C program to check whether a number is Prime number or not.](http://codeforwin.org/2015/06/c-program-to-check-prime-number.html)
27. [Write a C program to print all Prime numbers between 1 to n.](http://codeforwin.org/2015/06/c-program-to-print-all-prime-numbers-between-1-to-n.html)
28. [Write a C program to find sum of all prime numbers between 1 to n](http://codeforwin.org/2015/06/c-program-to-find-sum-of-all-prime.html).
29. [Write a C program to find all prime factors of a number](http://codeforwin.org/2015/06/c-program-to-find-all-prime-factors-of-any-number.html).
30. [Write a C program to check whether a number is Armstrong number or not.](http://codeforwin.org/2015/06/c-program-to-check-armstrong-number.html)
31. [Write a C program to print all Armstrong numbers between 1 to n.](http://codeforwin.org/2015/06/c-program-to-print-first-n-armstrong-numbers.html)
32. [Write a C program to check whether a number is Perfect number or not](http://codeforwin.org/2015/06/c-program-to-check-perfect-number.html).
33. [Write a C program to print all Perfect numbers between 1 to n](http://codeforwin.org/2015/06/c-program-to-print-all-perfect-numbers-between-1-to-n.html).
34. [Write a C program to check whether a number is Strong number or not](http://codeforwin.org/2015/06/c-program-to-check-strong-number.html).
35. [Write a C program to print all Strong numbers between 1 to n](http://codeforwin.org/2015/06/c-program-to-print-all-strong-numbers.html).
36. [Write a C program to print Fibonacci series up to n terms](http://codeforwin.org/2015/06/fibonacci-series-in-c-program.html).
37. [Write a C program to find one's complement of a binary number](http://codeforwin.org/2015/08/c-program-to-find-ones-complement-of-binary-number.html).
38. [Write a C program to find two's complement of a binary number](http://codeforwin.org/2015/08/c-program-to-find-twos-complement-of-binary-number.html).
39. [Write a C program to convert Binary to Octal number system](http://codeforwin.org/2015/08/c-program-to-convert-binary-to-octal-number-system.html).
40. [Write a C program to convert Binary to Decimal number system](http://codeforwin.org/2015/08/c-program-to-convert-binary-to-decimal-number-system.html).
41. [Write a C program to convert Binary to Hexadecimal number system](http://codeforwin.org/2015/08/c-program-to-convert-binary-to-hexadecimal-number-system.html).
42. [Write a C program to convert Octal to Binary number system](http://codeforwin.org/2015/08/c-program-to-convert-octal-to-binary-number-system.html).
43. [Write a C program to convert Octal to Decimal number system](http://codeforwin.org/2015/08/c-program-to-convert-octal-to-decimal-number-system.html).
44. [Write a C program to convert Octal to Hexadecimal number system](http://codeforwin.org/2015/08/c-program-to-convert-octal-to-hexadecimal-number-system.html).
45. [Write a C program to convert Decimal to Binary number system](http://codeforwin.org/2015/08/c-program-to-convert-from-decimal-to-binary-number-system.html).
46. [Write a C program to convert Decimal to Octal number system](http://codeforwin.org/2015/08/c-program-to-convert-decimal-to-octal-number-system.html).
47. [Write a C program to convert Decimal to Hexadecimal number system](http://codeforwin.org/2015/08/c-program-to-convert-decimal-to-hexadecimal-number-system.html).
48. [Write a C program to convert Hexadecimal to Binary number system](http://codeforwin.org/2015/08/c-program-to-convert-hexadecimal-to-binary-number-system.html).
49. [Write a C program to convert Hexadecimal to Octal number system](http://codeforwin.org/2015/09/c-program-to-convert-hexadecimal-to-octal-number-system.html).
50. [Write a C program to convert Hexadecimal to Decimal number system](http://codeforwin.org/2015/09/c-program-to-convert-hexadecimal-to-decimal-number-system.html).
51. [Write a C program to print Pascal triangle upto n rows](http://codeforwin.org/2015/07/c-program-to-print-pascal-triangle.html).
52.  [Write a C program to convert Hexadecimal to Decimal number system](http://codeforwin.org/2015/09/c-program-to-convert-hexadecimal-to-decimal-number-system.html).
53.  [Write a C program to print Pascal triangle upto n rows](http://codeforwin.org/2015/07/c-program-to-print-pascal-triangle.html).
54.  [Star pattern programs - Write a C program to print the given star patterns.](http://codeforwin.org/2015/07/star-patterns-program-in-c.html)
55.  [Number pattern programs - Write a C program to print the given number patterns](http://codeforwin.org/2016/06/number-pattern-programs-in-c.html).

### Recommended posts

* [Loop programming exercises index](http://codeforwin.org/2015/06/for-do-while-loop-programming-exercises.html).
* [C program to check whether a character is alphabet or not](http://codeforwin.org/2015/05/c-program-to-check-alphabet.html).
* [C program to check whether a character is alphabet, digit or special character](http://codeforwin.org/2015/05/c-program-to-check-alphabet-digit-special-character.html).
* [C program to check whether a character is vowel or consonant](http://codeforwin.org/2015/05/c-program-to-check-vowel-or-consonant.html).
* [C program to print ASCII values of all characters](http://codeforwin.org/2015/06/c-program-to-print-ascii-values-of-all-characters.html).
* [C program to print all natural numbers from 1 to n](http://codeforwin.org/2015/06/c-program-to-print-natural-numbers-from-1-to-n.html).
* [C program to enter any number and print it in words](http://codeforwin.org/2015/06/c-program-to-print-numbers-in-words.html).

### Recommended readings

* [Loop programming exercises index](http://codeforwin.org/2015/06/for-do-while-loop-programming-exercises.html).
* [C program to print alphabets from a to z](http://codeforwin.org/2015/06/c-program-to-print-a-to-z.html).
* [C program to print multiplication table of any number](http://codeforwin.org/2015/06/c-program-to-print-table-of-any-number.html).
* [C program to count number of digits in any number](http://codeforwin.org/2016/10/c-program-to-count-number-of-digits-in-number.html).
* [C program to find sum of first and last digit of any number](http://codeforwin.org/2015/06/c-program-to-find-sum-of-first-and-last-digit-of-number.html).
* [C program to find frequency of each digit in given integer](http://codeforwin.org/2016/10/c-program-to-count-frequency-of-digits-in-number.html).
* [C program to count number of words in a given string](http://codeforwin.org/2015/04/c-program-to-calculate-total-number-of-words.html).

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* [Loop programming exercises index](http://codeforwin.org/2015/06/for-do-while-loop-programming-exercises.html).
* [C program to print all even numbers between 1 to 100](http://codeforwin.org/2015/06/c-program-to-print-all-even-numbers-between-1-to-100.html).
* [C program to print all factors of any number](http://codeforwin.org/2015/06/c-program-to-print-factors-of-any-number.html).
* [C program to enter any number and calculate its factorial](http://codeforwin.org/2015/06/c-program-to-calculate-factorial-of-any-number.html).
* [C program to enter any number and find product of its digits](http://codeforwin.org/2015/06/c-program-to-calculate-product-of-digits.html).
* [C program to enter any number and print its reverse](http://codeforwin.org/2015/06/c-program-to-find-reverse-of-any-number.html).