

- ✓ 1. Write a C program to input a number from the user and find the reverse of the given number using a for loop.
- ✓ 2. Write a C program to input a number from the user and check if the number is palindrome or not using a loop.
- ✓ 3. Write a C program input two numbers from the user and find the GCD using a for loop.
- ✓ 4. Write a C program to input two numbers from the user and find LCM (Lowest Common Multiple) using a loop.
- ✓ 5. Write a program in C to input a number and check whether the number is prime or not using a loop.
- ✓ 6. Write a C program to print all Prime numbers between 1 to n using loop.
- ✓ 7. Write a C program to print first n prime numbers. N will be user input.
- ✓ 8. Write a C program to find all prime factors of a number.
- ✓ 9. Write a C program to print all Armstrong numbers between 1 to n.

An Armstrong number is a n -digit number that is equal to the sum of the n^{th} power of its digits. For example -

- $6 = 6^1 = 6$
- $371 = 3^3 + 7^3 + 1^3 = 371$

- ✓ 10. Write a C program to convert Decimal to Binary number system.
- ✓ 11. Write a C program to convert Binary to Decimal number system.