Competitive Coding –Loops– Level 1

1. Write a program in C++ to find sum of factorial of digits of a number.

   Ex: Input – 146, output – 745 (1+24+720)

2. Write a program in C++ to print sum of digits.

3. Write a program in C++ to convert binary number to decimal number using loops.

4. Write a program in C++ to find maximum of given numbers. Stop when user enters 0 or any negative number.

5. Write a program in C++ to print integer cube root of a number.

(Integer cube root of a number n is the largest number x such that x*x*x<=n)

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7. Write a C++ program to check whether two numbers are Twin Primes or not.

   (Ex: 5 7. Output yes)

8. Write a C++ program to check whether two numbers are Semi Primes or not.

   (Ex: A number is said to be a Semi Prime if it is a product of two prime numbers.

Example : 10 (2x5)

9. Write a program in C++ to print all factors of a number in increasing order.

10. Write a program to check whether two numbers are co-prime or not.