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**ROLL NO – 2021334**

**C++ PRACTICAL ASSIGNMENT – 27 JAN 2022**

1. **Write a program that performs binary search without recursion:**
2. **Write a program GCD of two numbers without recursion:**
3. **Write a program merge two ordered arrays without recursion:**
4. **Write a program that prints a table indicating the number of occurrences of each alphabet in the text entered as command line arguments.**
5. **Write a program to compute the sum of the first n terms of the following series:**

**S = 1 - 1 / (2 ^ 2) + 1 / (3 ^ 3) - ... 1 / (n ^ n) where ^ is exponentiation.**

**The number of terms n is to be taken from user through command line. If command line 12 argument is not found then prompt the user to enter the value of n.**