**2. The Fibonacci numbers, commonly denoted F(n) form a sequence, called the Fibonacci**

**sequence, such that each number is the sum of the two preceding ones, starting from 0 and**

**1. That is, F (0) = 0, F (1) = 1 F(n) = F (n - 1) + F (n - 2), for n > 1. Given n, calculate F(n).**

**Now your task to print the Fibonacci series number’s up to n number.**

**import** java.util.Scanner;

**public** **class** Fibonacci {

**public** **static** **void** main(String[] args) {

**int** n,t1=0,t2=1;

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the value of n=");

n=sc.nextInt();

**while**(t1<=n)

{

System.***out***.print(t1+" " );

**int** sum=t1+t2;

t1=t2;

t2=sum;

}

}

}

OUTPUT:

Text, letter

Description automatically generated