//Fibonacci series using recursion//

#include<stdio.h>//standard input output header file//

int fibo();//global declaring function//

int main()//main function//

{

int i,x;//declaring the x and I variables//

printf("enter the value of x\n");//prints the statement//

scanf("%d",&x);//stored In the memory location//

printf("the fibonacci series are::\n");//prints the statement//

for(i=0;i<x;i++)//for loop//

{

printf("%d\n",fibo(i));//prints the value of the Fibonacci series//

}

}

int fibo(int x)//Fibonacci function//

{

if(x==0)//checks the condition//

return 0;

else if(x==1)//checks the condition//

return 1;

else

{

return fibo(x-1)+fibo(x-2);//execute the function//

}

}