**/\*Write a recursive program to find N terms Fibonacci series \*/**

**#include<iostream>**

**using namespace std;**

**int genFibonacci(int n)**

**{**

**int fibo[n+2];**

**fibo[0] = 0;**

**fibo[1] = 1;**

**for (int i = 2; i <= n; i++)**

**{**

**fibo[i] = fibo[i-1] + fibo[i-2];**

**}**

**return fibo[n];**

**}**

**int main ()**

**{**

**int i,n;**

**cout << "Enter number of terms: ";**

**cin >>n;**

**cout<<endl;**

**for(i=0;i<=n;i++)**

**{**

**cout<<genFibonacci(i)<<endl;**

**}**

**cout<<endl;**

**return 0;**

**}**

**/\*Write a recursive program to find N terms Fibonacci series \*/**

**#include <iostream>**

**using namespace std;**

**int fib(int x)**

**{**

**if((x==1))**

**{**

**return(x);**

**}**

**else**

**{**

**return(fib(x-1)+fib(x-2));**

**}**

**}**

**int main()**

**{**

**int x,i=0;**

**cout << "Enter the number of terms of series : ";**

**cin >> x;**

**if (x<=0)**

**{**

**cout<<"Error";**

**return 0;**

**goto D;**

**}**

**cout << "\nFibonnaci Series : ";**

**while(i < x)**

**{**

**cout << " " << fib(i);**

**i++;**

**}**

**D:**

**return 0;**

**}**

**/\*Write a recursive program to find N terms Fibonacci series \*/**

**#include <iostream>**

**using namespace std;**

**int fib(int n)**

**{**

**if (n == 0 || n == 1)**

**return n;**

**else**

**return (fib(n-1) + fib(n-2));**

**}**

**int main()**

**{**

**int number, count = 0;**

**cout << "Enter number of terms in series : ";**

**cin >> number;**

**cout << endl;**

**while (count < number)**

**{**

**cout << fib(count) << " ";**

**++count;**

**}**

**cout << endl;**

**}**

**/\*Write a recursive program to find N terms Fibonacci series \*/**

**#include<iostream>**

**using namespace std;**

**class fibonacci**

**{**

**public:**

**int nth\_term(int n)**

**{**

**if(n==1)**

**{**

**return 1;**

**}**

**else if (n==0)**

**{**

**return 0;**

**}**

**else**

**{**

**return(nth\_term(n-1)+nth\_term(n-2));**

**}**

**}**

**};**

**int main()**

**{**

**int number;**

**cout<<"Enter any integer:\t";**

**cin>>number;**

**fibonacci f;**

**cout<<endl<<number<<"th term of fibonacci series is "<<f.nth\_term(number);**

**}**