```
/*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);
}
```