

```
#include<iostream>

using namespace std;

int main(){

    int n,i;

    int fibo(int);

    system("cls");

    cout<<"N =";cin>>n;

    cout<<"Fibonacci Series : "<<endl;

        cout<<fibo(n)<<" ";

    return 0;

}

int fibo(int n){

    cout<<n<<" ";

    if(n==0)

    {

        cout<<"\n";

        return 0;

    }

    else if (n==1)
```

```
{  
    cout<<"\n";  
    return 1;  
}  
  
else  
    return (fibo(n-1)+fibo(n-2));  
}
```

D:\program's\SECOND_SEM\Fibo1.exe

```
0
1
2 1
0
5 4 3 2 1
0
1
2 1
0
3 2 1
0
1
8 7 6 5 4 3 2 1
0
1
2 1
0
3 2 1
0
1
4 3 2 1
0
1
2 1
0
5 4 3 2 1
0
1
2 1
0
3 2 1
0
1
6 5 4 3 2 1
0
1
2 1
0
3 2 1
0
1
4 3 2 1
0
1
2 1
0
55
```

Process exited after 3.061 seconds with return value 0
Press any key to continue . . .