

```
1  #include<iostream>
2  using namespace std;
3  class series
4  {
5  public:
6  int n,a=0,b=1,sum=0,count=1;
7  void input()
8  {
9  cout<<"enter the limit => ";
10 cin>>n;
11 }
12 void show()
13 {
14 while(count!=n+1)
15 {
16 cout<<sum<<"\n";
17 count+=1;
18 a=b;
19 b=sum;
20 sum=a+b;
21 }}
22 };
23 int main()
24 {
25 series s1;
26 s1.input();
27 s1.show();
28 }
```