

```

#include<iostream>
using namespace std; class series
{
    public:
    int n,a=0,b=1,sum=0,count=1;      void input()
    {
        cout<<"enter the limit =>";
        cin>>n;
    }
    void show()
    {
        while(count!=n+1)
    {
        cout<<sum<<"\n";    count+=1;    a=b;
        b=sum;                sum=a+b;
    }
};
int main()
{
    series s1;
    s1.input();
    s1.show();
}

```