//Practicle No: 7

//wap in c++ program to display fibonacci series and its sum

#include<iostream.h>

class piyusha

{

private:

int a,b,c,limit;

public:

void getdata(void);

void caldata(void);

};

void piyusha:: getdata()

{

cout<<"Upto How many term?";

cin>>limit;

}

void piyusha:: caldata()

{

int a=0, b=1, c=0;

cout<<"Fabonacci Series: "<<a<<" "<<b<<" ";

c=a+b;

limit=limit-2;

while(limit)

{

cout<<c<<" ";

a=b;

b=c;

c=a+b;

limit--;

}

}

void main()

{piyusha x;

x.getdata();

x. caldata();

}

**output:**

Upto How many term?5

Fabonacci Series: 0 1 1 2 3