#include<iostream>

using namespace std;

struct link

{ int data;

link \*next;

};

class list

{

private:

link \*first;

public:

list()

{

first=NULL;

}

void add(int d)

{

link \*ptr,\*temp;

if(first==NULL)

{

cout<<"first \n";

first=new link;

first->data=d;

first->next=NULL;

}

else

{

ptr=first;

while(ptr->next!=NULL)

{

cout<<"while \n";

ptr=ptr->next;

}

cout<<"temp\n";

temp=new link;

temp->data=d;

temp->next=NULL;

ptr->next=temp;

}

}

void show()

{

link \*temp;

temp=first;

while(temp!=NULL)

{

cout<<"output \n";

cout<<temp->data<<"\n";

temp=temp->next;

}

}

};

void main()

{

list l;

cout<<"now i send 11 \n";

l.add(11);

cout<<"now i send 22 \n";

l.add(22);

cout<<"now i send 33 \n";

l.add(33);

cout<<"now i send 44 \n";

l.add(44);

cout<<"now i send 55 \n";

l.add(55);

cout<<"now i send 66 \n";

l.add(66);

cout<<"now i send 77 \n";

l.add(77);

cout<<"now i send 88 \n";

l.add(88);

l.show();

system("pause");

}