#include<stdlib.h>

#include <iostream>

using namespace std;

typedef struct node

{

int prn;

char name[10];

struct node \*next;

}node;

class student

{

public:

node \*create();

void print(node \*HEAD);

};

node \*student::create()

{

node \*head,\*p;

int i,n;

head=NULL;

cout<<"\n Enter the no of node:"<<endl;

cin>>n;

head=new node;

head->next=NULL;

cout<<"\n Enter the student prn no and name:"<<endl;

cin>>head->prn>>head->name;

p=head;

for(i=1;i<n;i++)

{

cout<<"\nStudent"<<i+1<<"prn no. and name";

p->next=new node;

p=p->next;

p->next=NULL;

cin>>p->prn>>p->name;

}

return (head);

}

void student::print(node \*HEAD)

{

node \*p;

cout<<"list of student ";

for(p=HEAD;p!=NULL;p=p->next)

{

cout<<"\n";

cout<<p->prn<<"\t"<<p->name;

}

}

int main()

{

int n,m,ch;

node \*head=NULL;

student s;

do

{

cout<<"\n Main menu";

cout<<"\n 1.Create club:";

cout<<"\n 2.Display members of club:";

cout<<"\n 3.Quit.";

cout<<"\n Enter your choice:";

cin>>m;

switch(m)

{

case 1:

head=s.create();

break;

case 2:

s.print(head);

break;

case 3:

exit(0);

break;

default:

cout<<"\n Invalid choice.";

}

}while(m!=3);

return 0;

}