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CSE 21

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1.  
#include<iostream>

using namespace std;

class MUN

{

public:

char name[50];

char college[50];

int contact;

int events;

int se1;

int se2;

int se3;

void getdata()

{

cout<<"Enter the name of the participant:";

getchar();

gets(name);

cout<<"Enter the participant's college:";

getchar();

gets(college);

cout<<"Enter contact number of participant:";

cin>>contact;

cout<<" number of events in which the student has participated :";

cin>>events;

cout<<"\n no participation enter score as zero"<<endl<<endl;

cout<<"Enter score in event 1:";

cin>>se1;

cout<<"Enter score in event 2:";

cin>>se2;

cout<<"Enter score in event 3:";

cin>>se3;

}

void display()

{

cout<<"\n\nThe details of the students are:"<<endl<<endl;

cout<<"Name:-"<<name<<endl<<endl;

cout<<"College:-"<<college<<endl<<endl;

cout<<"Contact number:-"<<contact<<endl<<endl;

cout<<"Number of events:-"<<events<<endl<<endl;

cout<<"Score in event 1:-"<<se1<<endl<<endl;

cout<<"Score in event 2:-"<<se2<<endl<<endl;

cout<<"Score in event 3:-"<<se3<<endl<<endl;

}

};

int main()

{

int n;

MUN A[100];

cout<<"Enter the number of participants:";

cin>>n;

for(int i=0;i<n;i++)

{

cout<<"\n\nFor "<<i+1<<" student"<<endl;

A[i].getdata();

}

for(int i=0;i<n;i++)

{

cout<<"\n\nFor "<<i+1<<" student"<<endl;

A[i].display();

}

for(int i=0;i<n;i++)

{

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

{

if(A[i].se1 > A[j].se1)

{

cout<<"\nThe winner of event 1 is"<<A[i].name;

break;

}

if(A[i].se1 < A[j].se1)

{

cout<<"\nThe winner of event 1 is"<<A[j].name;

break;

}

}

}

for(int i=0;i<n;i++)

{

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

{

if(A[i].se2 > A[j].se2)

{

cout<<"\nThe winner of event 2 is"<<A[i].name;

break;

}

if(A[i].se2 < A[j].se2 )

{

cout<<"\nThe winner of event 2 is"<<A[j].name;

break;

}

}

}

for(int i=0;i<n;i++)

{

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

{

if(A[i].se3 > A[j].se3)

{

cout<<"\nThe winner of event 3 is"<<A[i].name;

break;

}

if(A[i].se3 < A[j].se3)

{

cout<<"\nThe winner of event 3 is"<<A[j].name;

break;

}

}

}

}  
  
OUTPUT :

  
  
