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Online C++ Compiler.

Code, Compile, Run and Debug C++ program online.

Write your code in this editor and press "Run" button to compile and execute it.

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#include <iostream>

using namespace std;

class playerrating

{

protected:

int rating;

public:

playerrating()

{

rating=0;

}

void input()

{

cout<<endl<<"Enter rating of the player:";

cin>>this->rating;

}

};

class club: virtual public playerrating

{

protected:

string clubname;

public:

void input()

{

cout<<endl<<"Enter the club of the player:";

cin>>this->clubname;

}

};

class country: virtual public playerrating

{

protected:

string nationality;

public:

void input(){

cout<<endl<<"Enter the nationality of the player:";

cin>>this->nationality;

}

};

class player :public country,public club

{

string name;

public:

void playerinput()

{

this->input();

this->country::input();

this->club::input();

this->playerrating::input();

}

void input()

{

cout<<endl<<"Enter the name of a player:";

cin>>this->name;

}

void output()

{

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

cout<<endl<<"Nationality:"<<this->nationality;

cout<<endl<<"Club Name:"<<this->clubname;

cout<<endl<<"Player Rating:"<<this->rating;

}

};

int main()

{

cout<<endl<<"Enter number of players(<10):";

int n;

cin>>n;

player p1[10];

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

{

p1[i].playerinput();

}

cout<<endl<<"Entered data is:";

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

{

p1[i].output();

}

return 0;

}