#include <iostream>

using namespace std;

/\* run this program using the console pauser or add your own getch, system("pause") or input loop \*/

int main(int argc, char\*\* argv) {

int highestmarks=0;

float total=0;

int avg,student;

cout<<"Enter number of student:"<<endl;

cin>>student;

char name[student][20];

int marks[student];

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

{

cout<<"Enter the name of student:"<<i+1<<endl;

cin>>name[i];

cout<<"Enter marks student obtained:"<<endl;

cin>>marks[i];

}

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

{

total=total+marks[i];

}

avg=total/student;

cout<<"\nAverage Marks:"<<avg<<endl;//1

cout<<"\nStudent below Average Marks:"<<endl;

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

{

if(avg>marks[i])

{

cout<<"\n"<<name[i];//2

}

}

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

{

highestmarks=max(highestmarks,marks[i]);

}

cout<<"\nHighest Marks:"<<highestmarks<<endl;

cout<<"\nStudent with Highest Marks:"<<endl;//3

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

{

if(highestmarks==marks[i])

{

cout<<name[i];//4

}

}

return 0;

}

