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/*
 * Title: Program to enroll student in course and
analyze data
 * Created on: Jul 26, 2020
 * Author: Megha Sonavane
 * Roll No:23355
 */
#include<iostream>
using namespace std;
//Defining a structure to store student's data
struct student
{
    char name[20];
    float sub1,sub2,sub3;
};
//function to enroll student's data
void enroll(student &s)
{
    cout<<"Enter name of student:";
    cin>>s.name;
    cout<<"Enter marks of 3 subjects:";
    cin>>s.sub1>>s.sub2>>s.sub3;
}
//function to analyze student's marks
float analyze(student &s)
{
    if((s.sub1>s.sub2)&&(s.sub1>s.sub3))
        return s.sub1;
    else if(s.sub2>s.sub3)
        return s.sub2;
    else
        return s.sub3;
}
//function to display student's name
void display(student &s)
{
    cout<<"\nName of student:"<<s.name;
    float large=analyze(s);
    cout<<"\nMaximum marks:"<<large;
}

```

```
int main()
{
    student s;//creating object of structure student
    enroll(s);//calling to enroll function
    display(s);//calling to display function
    return 0;
}

/*
```

### Output:

```
Enter name of student:Megha
Enter marks of 3 subjects:85
90
70
```

```
Name of student:Megha
Maximum marks:90
```