

```

#include<iostream>
using namespace std;
class student
{

int m1,m2,m3,Reg,total,avg;
string name;
public :
    void input();
    void calculate();
    void display();
};
void student :: input()
{
    cout<<"enter name:\n"<<endl;
    cin>>name;
    cout<<"enter Reg.no:\n"<<endl;
    cin>>Reg;
    cout<<"enter mark1:"<<endl;
    cin>>m1;
    cout<<"enter mark2:"<<endl;
    cin>>m2;
    cout<<"enter mark3:"<<endl;
    cin>>m3;

}
void student :: calculate()
{
    total=m1+m2+m3;
    avg=total/3;
}
void student :: display()
{
    cout<<"student name :\n" <<name<<endl;
    cout<<"student reg.no:\n " <<Reg<<endl;
    cout<<"mark 1\n " <<m1<<endl;
    cout<<"mark 2\n " <<m2<<endl;
    cout<<"mark 3\n " <<m3<<endl;
    cout<<"total marks: \n " <<total<<endl;
    cout<<"average of marks:\n " <<avg<<endl;

}
int main()
{

```

```
        student a;  
        a.input();  
        a.calculate();  
        a.display();  
        return 0;  
    }
```

```
enter name:  
kumar  
enter Reg.no:  
19211  
enter mark1:  
45  
enter mark2:  
68  
enter mark3:  
72  
student name :  
kumar  
student reg.no:  
19211  
mark 1  
45  
mark 2  
68  
mark 3  
72  
total marks:  
185  
average of marks:  
61  
[Program finished]
```