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#include <iostream>
#include <string>
using namespace std;

// Base class for student information
class Student {
protected:
    string name;
    int age;
    float language ;
public:
    void input() {
        cout<<"Enter name :";
        cin>>name;
        cout<<"Enter age :";
        cin>>age;
        cout<<"Enter average on language papper : ";
        cin>>language;
    }
    void display() {
        cout << "Name : " << name << endl;
        cout << "Age : " << age << endl;
        cout << "Average mark on language : " << language << endl;
    }
};

class CS_dpvt : public Student {
protected:
    float major;
public:
    void std_input() {

        Student::input();
        cout<<"Enter average on major papper :";
        cin>>major;
    }

    void std_dtail () {
        Student:: display();
        cout<<"Average mark on major papper : " <<major<<endl;
    }
};

class Physics_dpvt : public Student, public CS_dpvt {
protected:
    float prctcl_mrk;
public:
    void std_input() {

        CS_dpvt::std_input();
        cout<<"Enter your practical mark : ";
        cin>>prctcl_mrk;
    }
    void std_dtail() {
        CS_dpvt::std_dtail();
        cout<<"Your practical mark : "<<prctcl_mrk;
    }
};

int main() {
    CS_dpvt c1;
    Physics_dpvt p1;
    c1.std_input();
    c1.std_dtail();
    p1.std_input();
    p1.std_dtail();
    return 0;
}

```