

```

#include<iostream>

#include<string.h> using
namespace std;

class StudData;

class Student{
string name;
int roll_no;
string cls;  char*
division;  string
dob;

    char* bloodgroup;
    static int count;

public:

    Student()    // Default Constructor
    {
        name="";
roll_no=0;    cls="";
        division=new char;
dob="dd/mm/yyyy";    bloodgroup=new
char[4];
    }

    ~Student()
    {
        delete division;
delete[] bloodgroup;  }

```

```

static int getCount()
{
    return count;
}

void getData(StudData*);
void dispData(StudData*);
};

class StudData{
    string caddress;
    long int* telno;    long
    int* dlno;    friend
    class Student;

public:

    StudData()
    {
        caddress="";
        telno=new long;
        dlno=new long;
    }

    ~StudData()
    {
        delete telno;
        delete dlno;
    }

```

```

void getStudData()
{
    cout<<"Enter Contact Address : ";
    cin.get();
    getline(cin,caddress);
    cout<<"Enter Telephone Number : ";
    cin>>*telno;    cout<<"Enter Driving
License Number : ";    cin>>*dlno;
}

void dispStudData()
{
    cout<<"Contact Address : "<<caddress<<endl;
    cout<<"Telephone Number : "<<*telno<<endl;    cout<<"Driving
License Number : "<<*dlno<<endl;
}
};

inline void Student::getData(StudData* st)
{
    cout<<"Enter Student Name : ";
    getline(cin,name);
    cout<<"Enter Roll Number : ";
    cin>>roll_no;    cout<<"Enter
Class : ";
    cin.get();
    getline(cin,cls);
    cout<<"Enter Division : ";
    cin>>division;

    cout<<"Enter Date of Birth : ";

```

```

        cin.get();    getline(cin,dob);
    cout<<"Enter Blood Group : ";
    cin>>bloodgroup;    st-
>getStudData();    count++;
}

```

```

inline void Student::dispData(StudData* st1)
{
    cout<<"Student Name : "<<name<<endl;
    cout<<"Roll Number : "<<roll_no<<endl;
    cout<<"Class : "<<cls<<endl;    cout<<"Division
: "<<division<<endl;    cout<<"Date of Birth :
"<<dob<<endl;    cout<<"Blood Group :
"<<bloodgroup<<endl;    st1->dispStudData();
}

```

```

int Student::count;

```

```

int main()
{
    Student* stud1[100];
    StudData* stud2[100];
    int n=0;
    char ch;

    do
    {
        stud1[n]=new Student;
        stud2[n]=new StudData;    stud1[n]-
>getData(stud2[n]);
        n++;
    }
}

```

```

        cout<<"Do you want to add another student (y/n) : ";

        cin>>ch;

cin.get();

    } while (ch=='y' || ch=='Y');


    for(int i=0;i<n;i++)
    {
        cout<<"-----"<<endl;
stud1[i]->dispData(stud2[i]);

    }


    cout<<"-----"<<endl;
cout<<"Total Students : "<<Student::getCount();

    cout<<endl<<"-----"<<endl;


    for(int i=0;i<n;i++)
    {
        delete stud1[i];
delete stud2[i];

    }


    return 0;
}

```

**OUTPUT:**

```
Enter Student Name : Shruti
Enter Roll Number : 07
Enter Class : SE
Enter Division : B
Enter Date of Birth : 28 march
Enter Blood Group : B+ve
Enter Contact Address : pimpri,pune
Enter Telephone Number : 9307451789
Enter Driving License Number : 3456789
Do you want to add another student (y/n) : n
```

---

```
Student Name : Shruti
Roll Number : 7
Class : SE
Division : B
Date of Birth : 28 march
Blood Group : B+ve
Contact Address : pimpri,pune
Telephone Number : 9307451789
Driving License Number : 3456789
```

---

```
Total Student : 1
```