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Roll no: 22251

```cpp
#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()
    {
        name="";

        roll_no=0;

        cls="";
```

```cpp
        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;
```

```cpp
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;
```

```cpp
    }

    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 : ";
```

```cpp
        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;
```

```cpp
    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 : dronacharya
Enter Roll Number : 22511
Enter Class : se
Enter Division : s1
Enter Date of Birth : 29/04/2003
Enter Blood Group : b
Enter Contact Address : ravivar peth
Enter Telephone Number : 9988568890
Enter Driving License Number : Do you want to add another student (y/n) : --------
----------------
Student Name : dronacharya
Roll Number : 22511
Class : se
Division : s1
Date of Birth : 29/04/2003
Blood Group : b
Contact Address : ravivar peth
Telephone Number : 2147483647
Driving License Number : 0
------------------------------------------------------------
Total Students : 1
```