

```

1  #include<iostream>
2  #include<string>
3  using namespace std;
4  class Person
5  {
6      string firstname;
7      string lastname;
8      int age;
9  public:
10     void getValues()
11     {
12         cout<<"Enter your firstname"<<endl;
13         cin>>firstname;
14
15         cout<<"Enter your lastname"<<endl;
16         cin>>lastname;
17
18         cout<<"Enter your age"<<endl;
19         cin>>age;
20     }
21     void setValues()
22     {
23         cout<<"Displaying Data"<<endl;
24         cout<<"Firstname : "<<firstname<<endl;
25         cout<<"Lastname : "<<lastname<<endl;
26         cout<<"Age : "<<age<<endl;
27     }
28 };
29 class Student : public Person
30 {
31     int Institution;
32 public:
33     void getInstitution()
34     {
35         cout<<"Enter your Institution"<<endl;
36         cin>>Institution;
37     }
38     void setInstitution()
39     {
40         cout<<"Student's Institution : "<<Institution<<"\n"<<endl;
41     }
42 };
43 int main()
44 {
45     Student obj1;
46     obj1.getValues();
47     obj1.getInstitution();
48
49     obj1.setValues();
50     obj1.setInstitution();
51     return 0;
52 }
53

```