

```

1  #include <iostream>
2  using std::cout;
3  using std::endl;
4
5  class base1
6  {
7  protected:
8      int no;
9      int no1;
10
11 public:
12     base1()
13     {
14         no = 10;
15         no1 = 100;
16     }
17 };
18
19 class base2
20 {
21 protected:
22     int no;
23     int no2;
24
25 public:
26     base2()
27     {
28         no = 20;
29         no2 = 200;
30     }
31 };
32
33 class derived : public base1, public base2
34 {
35     int no;
36     int no3;
37
38 public:
39     derived()
40     {
41         no = 30;
42         no3 = 300;
43     }
44
45     void display()
46     {
47         cout << no << endl;
48         cout << base1::no << endl;
49         cout << base2::no << endl;
50         cout << no1 << endl;
51         cout << no2 << endl;
52         cout << no3 << endl;
53     }
54 };
55
56 int main(void)
57 {
58     derived dobj;
59
60     dobj.display();
61
62     return 0;
63 }
64

```