

```
    /*** Program to Implement Virtual Base Class ***/

#include <iostream>
#include <conio.h>

using namespace std;

class a
{
    public:
        void show_a()
        {
            cout << "In class a";
        }
};

class b : virtual public a
{
    public:
        void show_b()
        {
            cout << "\nIn class b";
        }
};

class c : virtual public a
{
    public:
        void show_c()
        {
            cout << "\nIn class c";
        }
};
```

```
class d : public b, public c
{
    public:
        void show_d()
        {
            cout << "\nIn class d";
        }
};

main()
{
    d obj;

    obj.show_a();
    obj.show_b();
    obj.show_c();
    obj.show_d();
    getch();
}
```

Output :

```
In class a
In class b
In class c
In class d
```

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