

```
    /*** Program to Implement Virtual Function ***/

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

using namespace std;

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

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

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

```
main()
{
    a *p, obj_a;
    b obj_b;
    c obj_c;

    p = &obj_a;
    p -> show();

    p = &obj_b;
    p -> show();

    p = &obj_c;
    p -> show();
    getch();
}
```

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**Output:**

```
In class a
In class b
In class c_
```