```cpp
# include <iostream>
using namespace std;
/* WAP to demonstrate virtual function with the
help of some classes*/
class Person{
    public:
        virtual void display(){
          cout<<"i am person\n";
           }
};
class Employee:public Person{
    public:
      void display(){
        cout<<"i am Employee\n";
          }
};
class Officer:public Employee{
    public:
      void display(){
        cout<<"i am officer\n";
          }
};

int main(){
    Person *base,p;
    base=&p;
    base->display();  // alternate    p.display();

    Employee e;
    base=&e;
    base->display();   // alternate  e.display();


}
```