

Main Program:

```
class A
{
    public void show()
    {System.out.println("This is show method in class A");}
}

class B extends A
{
    public void show()
    {System.out.println("This is show method in class B");}
}

class C extends A
{
    public void show()
    {System.out.println("This is show method in class C");}
}

class Main
{ public static void main(String []args)
    {
        A obj=new A();
        B obj1=new B();
        C obj2=new C();
        A r;

        r=obj;
        r.show();
        r=obj1;
        r.show();
        r=obj2;
        r.show();
    }
}
```

Output:

```
This is show method in class A
This is show method in class B
This is show method in class C
```