

```
public class SetUp {  
  
    public static void main(String args[]) {  
        Exchanger e1 = new Exchanger();  
  
        Thread use1 = new Thread(new  
            UseExchanger(e1), "UseEx1");  
        Thread use2 = new Thread(new  
            UseExchanger(e1), "UseEx2");  
        use1.start();  
        use2.start();  
    }  
  
}
```

```
public class UseExchanger implements
                                   Runnable {

    private Exchanger exch;

    public UseExchanger (Exchanger e) {
        exch = e;
    }

    public void run() {
        ...
        o = exch.swapObject(o1); ...
        exch.swapPriority(); ...
    }

}
```

```
public class Exchanger {  
  
    // fields go here  
  
    public Object swapObject (Object obj) {  
        ...  
    }  
  
    public void swapPriority () {  
        ...  
    }  
}
```