package assistedprojectjava;

class SharedResource {

private int value = 0;

public synchronized void increment() {

value++;

System.***out***.println("Value incremented: " + value);

}

public synchronized void decrement() {

value--;

System.***out***.println("Value decremented: " + value);

}

}

class MyThread1 extends Thread {

private SharedResource resource;

public MyThread1(SharedResource resource) {

this.resource = resource;

}

public void run() {

for (int i = 0; i < 3; i++) {

resource.increment();

resource.decrement();

}

}

}

public class SynchronizationDemo {

public static void main(String[] args) {

SharedResource resource = new SharedResource();

MyThread1 thread1 = new MyThread1(resource);

MyThread1 thread2 = new MyThread1(resource);

thread1.start();

thread2.start();

try {

thread1.join();

thread2.join();

} catch (InterruptedException e) {

e.printStackTrace();

}

// **TODO** Auto-generated method stub

}

}

