Practical 03

public class Counter {

private int count = 0;

public synchronized void increment (){

count++;

}

public int getCount(){

return count;

}

}

public class SynchronizedExample extends Thread{

private Counter counter;

public SynchronizedExample(Counter counter){

this.counter = counter;

}

public void run(){

for (int i = 0;i<1000;i++){

counter.increment();

}

}

}

Counter counter =new Counter();

Thread thread1 = new SynchronizedExample(counter);

Thread thread2 = new SynchronizedExample(counter);

thread1.start();

thread2.start();

thread1.join();

thread2.join();

System.out.println("Final counter value:" + counter.getCount());

}

}

Output

