

```

public class Main {
    public static void main(String[] args) {
        AshishRes res = new AshishRes();
        Thread t1 = new Thread(new MyRunnable(res));
        Thread t2 = new Thread(new MyRunnable(res));
        t1.start();
        t2.start();
    }
}

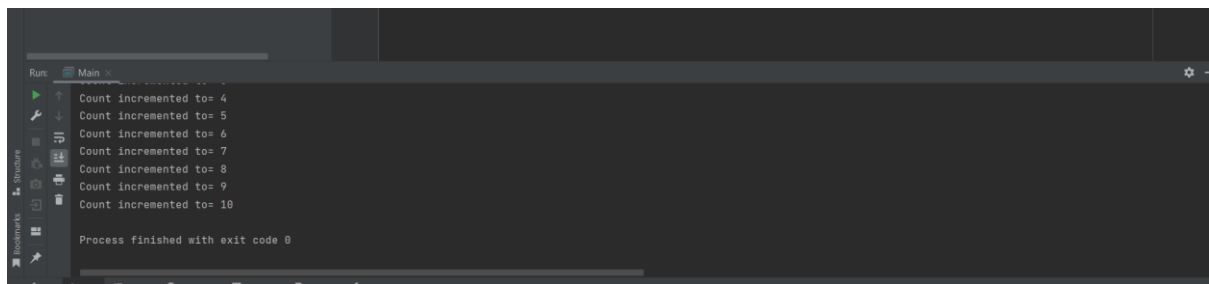
class AshishRes {
    private int count;
    public synchronized void increment() {
        count++;
        System.out.println("Count incremented to= " + count);
    }
}

class MyRunnable implements Runnable {
    private AshishRes resource;

    public MyRunnable(AshishRes resource) {
        this.resource = resource;
    }

    public void run() {
        for (int i = 0; i < 5; i++) {
            resource.increment();
            try {
                Thread.sleep(100);
            } catch (InterruptedException e) {
                e.printStackTrace();
            }
        }
    }
}

```



```

Run: Main
Count incremented to= 4
Count incremented to= 5
Count incremented to= 6
Count incremented to= 7
Count incremented to= 8
Count incremented to= 9
Count incremented to= 10
Process finished with exit code 0

```