Source Code:

```
class Display
{
        public synchronized void print(String msg)
        {
                System.out.print("["+msg);
                try
                {
                        Thread.sleep(1000);
                }
                catch (Exception e)
                {
                        System.out.print(e.getMessage());
                }
                System.out.print("]");
        }
}

class SyncThread extends Thread
{
        private Display d;
        private String msg;
        public SyncThread(Display d,String msg)
        {
                this.d=d;
                this.msg=msg;
        }
        public void run()
        {
                d.print(msg);
        }
}

class Test_Synchronization
{
        public static void main(String args[])
        {
                Display d = new Display();
                SyncThread t1 = new SyncThread(d,"Hello");
                SyncThread t2 = new SyncThread(d,"World");
                t1.start();
                t2.start();
        }
}
```

Output:

```
PS E:\Code\Java> cd "e:\Code\Java\" ; if ($?) { javac Test_Synchronization.java } ; if ($?) { java Test_Synchronization }
[Hello][World]
PS E:\Code\Java>
```