**ASSIGNMENT 13**

**1. Create a multi-threaded program with a synchronised method to print values from 1 to 1000 using 2 threads.**

package assignment13;

class MyThread implements Runnable{

public synchronized void run() {

System.out.println(Thread.currentThread().getName()+":");

int j=1;

for(int i=1;i<=1000;i++) {

if(i==j\*100) {

System.out.println();

j=++j;

}

System.out.print(i+", ");}

System.out.println();

}}

public class MultiThreadingWithSynchronization {

public static void main(String arg[]) {

MyThread mt=new MyThread();

Thread t1=new Thread(mt,"Thread1");

Thread t2=new Thread(mt,"Thread2");

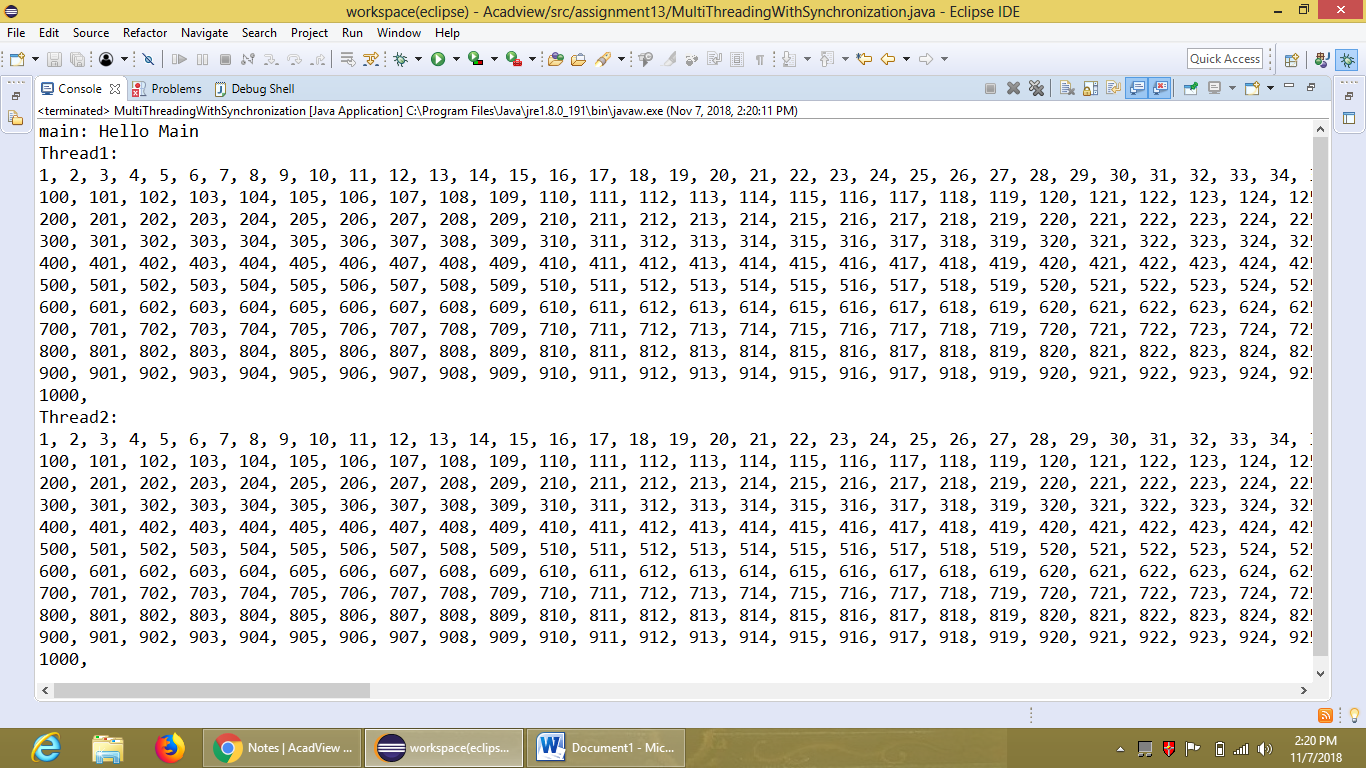
t1.start();

t2.start();

System.out.println(Thread.currentThread().getName()+": Hello Main");

}}

**OUTPUT:**

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