NAME: RAMYA RAMESH

USN: 1BM19CH038

PROGRAM 4

QUESTION:

Write a program which creates four threads to synchronize and display the following

{USN}

{CSE}

{BMSCE}

{BANGALORE}

CODE:

class Callme {

synchronized void call(String msg) {

System.out.print("{" + msg);

try {

Thread.sleep(1000);

} catch(InterruptedException e) {

System.out.println("Interrupted");

}

System.out.println("}");

}

}

class Caller implements Runnable {

String msg;

Callme target;

Thread t;

public Caller(Callme targ, String s) {

target = targ;

msg = s;

t = new Thread(this);

t.start();

}

public void run() {

target.call(msg);

}

}

class Synch {

public static void main(String args[]) {

Callme target = new Callme();

Caller ob1 = new Caller(target, "1BM19CH038");

Caller ob2 = new Caller(target, "CSE");

Caller ob3 = new Caller(target, "BMSCE");

Caller ob4 = new Caller(target, "BANGALORE");

try {

ob1.t.join();

ob2.t.join();

ob3.t.join();

ob4.t.join();

} catch(InterruptedException e) {

System.out.println("Interrupted");

}

}

}

OUTPUT:

