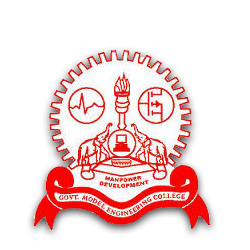
MODEL ENGINEERING COLLEGE, THRIKKAKARA

DEPARTMENT OF COMPUTER ENGINEERING



RECORD OF PRACTICAL WORKS

OOP CST205

CLASS: CS 3 B (2019 Ad.)

Name of Student: ADITHYA A

Roll No: 03

EXP No.: 01

Exceptions

AIM

Write a Java program that shows thread synchronization

PROGRAM

class SquareOfNumber{

synchronized void printSquareOfNumber(int n){

for(int i=1;i<=10;i++){

System.out.println(n\*i);

try{

Thread.sleep(1000);

}catch(Exception e){System.out.println(e);}

}

}

}

class callingFunc1 implements Runnable{

SquareOfNumber t;

callingFunc1(SquareOfNumber t){

this.t=t;

}

public void run(){

t.printSquareOfNumber(5);

}

}

class callingFunc2 implements Runnable{

SquareOfNumber t;

callingFunc2(SquareOfNumber t){

this.t=t;

}

public void run(){

t.printSquareOfNumber(100);

}

}

class Main{

public static void main(String args[]){

SquareOfNumber obj = new SquareOfNumber();

Thread t1=new Thread(new callingFunc1(obj), "five");

Thread t2=new Thread(new callingFunc2(obj), "Hundred");

t1.start();

t2.start();

}

}

OUTPUT

