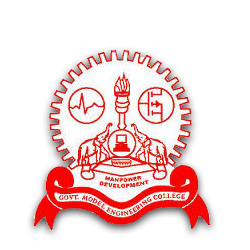
MODEL ENGINEERING COLLEGE, THRIKKAKARA

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 to create two threads: One for displaying all odd number between 1 and 100 and second thread for displaying all even numbers between 1 and 100.

PROGRAM

class OddThread implements Runnable

{

    public void run()

    {

        try

        {

            for(int i=1;i<100;i=i+2)

            {

                System.out.print("Odd: " + i + " ");

                Thread.sleep(500);

            }

        } catch(InterruptedException e) {

            System.out.println("Odd Thread Interrupted "+e);

        }

        System.out.println("\nExiting Odd Thread");

    }

}

class EvenThread implements Runnable

{

    public void run()

    {

        try

        {

            for(int i=2;i<=100;i=i+2)

            {

                System.out.print("Even: " + i + " ");

                Thread.sleep(500);

            }

        } catch(InterruptedException e) {

            System.out.println("Even Thread Interrupted "+e);

        }

        System.out.println("\nExiting Even Thread");

    }

}

class Main

{

    public static void main(String args[])

    {

        Thread t1 = new Thread(new OddThread(), "odd");

        Thread t2 = new Thread(new EvenThread(), "even");

        t2.start();

        t1.start();

        try

        {

            Thread.sleep(40500);

        }catch(InterruptedException e){

            System.out.println("main Thread Interrupted "+e);

        }

        System.out.println("Exiting main Thread");

    }

}

OUTPUT

