import java.util.Random;

class oddthread extends Thread{

private int limit;

oddthread(int limit){

this.limit=limit;}

public void run(){

System.out.println("Odd:"+limit);

}

}

class eventhread extends Thread{

private int limit;

eventhread(int limit){

this.limit=limit;}

public void run(){

System.out.println("Even:"+limit);

}

}

class NumberGenerator extends Thread{

Random rand=new Random();

public void run(){

try{

for(int i=0;i<10;i++){

int num=rand.nextInt(100);

System.out.println("Generated number:"+num);

if(num%2==0){

new eventhread(num).start();}

else{

new oddthread(num).start();

}

Thread.sleep(1000);

}

}

catch(Exception e){

System.out.println("Generator interrupt");

}

}

}

public class ex7{

public static void main(String[] args){

NumberGenerator g=new NumberGenerator();

g.start();

}}

OUTPUT:

