Q. WAP to create 3 threads. First generate random integer for every second. and if even second thread calculates square of number and print if odd it will print the value of cube number

Ans. import java.util.Random;
import java.util.*;
class MultiThread implements Runnable
{
String name;
int item;
static int check;
int n;
Thread t;
MultiThread(String thread_name, int thread_time,
                                             int no)
{
n = no;
name = thread_name;
time = thread_time;
t = new Thread(this, name);
t.start();
}
Random rand = new Random();
public void run()
{
try
{
if(n == 1)
{
for(int i = 0; i < 10; i++)

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{
    check = rand.nextInt(100);
    System.out.println(check);
    Thread.sleep(time);
}
}
else if(n==2)
{
    for(int i=0; i<10; i++)
    {
        if(check%2 ==0)
        {
            System.out.println(check*check);
        }
        Thread.sleep(time);
    }
}
else if(n==3)
{
    for(int i=0; i<10; i++)
    {
        if(check%2 !=0)
        {
            System.out.println(check*check*check);
        }
        Thread.sleep(time);
    }
}
}
catch(InterruptedException e)
{
    System.out.println(name +" was interrupted..");
}
System.out.println(name+" exiting..");
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        }
      }
class ThreadDemo
  {
  public static void main (String args[])
    {
    Multithread t1 = new Multithread("Random", 1000, 1);
    Multithread t2 = new Multithread("Even", 100, 2);
    Multithread t3 = new MultiThread("odd", 100, 3);
    }
  }
```