

```

import java.util.*;
class second implements Runnable
{
    public int x;
    public second (int x)
    {
        this.x=x;
    }
    public void run()
    {
        System.out.println(" Second thread:Square of the number is "+x*x);
    }
}

class third implements Runnable
{
    public int x;
    public third(int x)
    {
        this.x=x;
    }
    public void run()
    {
        System.out.println(" third thread:Cube of the number is "+x*x*x);
        System.out.println();
    }
}

class first extends Thread
{
    public void run()
    {
        int num=0;
        Random r=new Random();
        try
        {
            for(int i=0;i< 5;i++)
            {
                num=r.nextInt(100);
                System.out.println("first thread generated numberis "+num);
                Thread t2=new Thread (new second(num));
                t2.start();
                Thread t3=new Thread(new third(num));
                t3.start();
                Thread.sleep(1000);
            }
        }
        catch(Exception e)
        {
            System.out.println(e.getMessage());
        }
    }
}

public class multithread
{
    public static void main(String args[])

```



```
{  
first a=new first();  
a.start();  
}  
}
```

