

## Java program:-

```
package multiplethread;
import java.util.Random;
class Square extends Thread
{
    int x;
    Square(int n)
    {
        x=n;
    }
    public void run()
    {
        int sqr = x*x;
        System.out.println("Square of "+x+"="+sqr);
    }
}
class Cube extends Thread
{
    int x;
    Cube(int n)
    {
        x=n;
    }
    public void run()
    {
        int cube =x*x*x;
        System.out.println("cube of "+x+"="+cube);
    }
}
class Rnumber extends Thread
{
    public void run()
    {
        Random random = new Random();
        for(int i=0;i<5;i++)
        {
            int randomInteger = random.nextInt(10);
            System.out.println("Random Integer generated :"+randomInteger);
            Square s = new Square(randomInteger);
            s.start();
            Cube c = new Cube(randomInteger);
            c.start();
            try
            {
                Thread.sleep(1000);
            }
            catch (InterruptedException ex)
            {
                System.out.println(ex);
            }
        }
    }
}
public class ThreadP
{
    public static void main(String[] args) {
        Rnumber n = new Rnumber();
        n.start();
    }
}
```