

## PROGRAM

```
import java.util.Random;

class OddThread extends Thread{
    private int num;
    public OddThread(int num){
        this.num=num;
    }
    public void run(){
        System.out.println("cube of "+num+"="+num*num*num);
    }
}

class EvenThread extends Thread{
    private int num;
    public EvenThread(int num){
        this.num=num;
    }
    public void run(){
        System.out.println("square of "+num+"="+num*num);
    }
}

class RandomThread extends Thread{
    public void run(){
        Random r =new Random();
        for(int i=0;i<10;i++){
            int num=r.nextInt(100);
            if(num%2==0)
                new EvenThread(num).start();
            else
                new OddThread(num).start();
        }
    }
}

public class TestMultithread {
    public static void main(String[] args) {
        RandomThread rt =new RandomThread();
        rt.start();
    }
}
```

## OUTPUT

cube of 3=27

cube of 19=6859

cube of 35=42875

square of 32=1024

square of 94=8836

cube of 83=571787

cube of 9=729

square of 82=6724

square of 58=3364

cube of 95=857375