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Extra Lab Program 2.

```
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 cub = x * x * x;  
        System.out.println("Cube of " + x + " = " + cub);  
    }
```

Date: YOUVA

```
class Number extends Thread
```

```
{  
    public void run()
```

```
{  
    Random random = new Random();  
    for (int i = 0; i < 10; i++) {
```

```
        int randomInteger = random.nextInt(100);  
        System.out.println("Random Integer generated:"  
            + randomInteger);
```

```
        if (randomInteger % 2 == 0) {  
            Square s = new Square(randomInteger);  
            s.start();  
        }
```

```
    } else {
```

```
        Coke c = new Coke(randomInteger);  
        c.start();  
    }
```

```
try {
```

```
    Thread.sleep(1000);
```

```
} catch (InterruptedException ex) {  
    System.out.println(ex);  
}
```

```
}
```

```
}
```

```
}
```

```
public class Programme {
```

```
    public static void main (String args[])
```

```
{
```

```
        Number n = new Number();
```

```
        n.start();
```

```
    }
```

```
}
```