

Lab-10MULTIPLICATION THREAD

```
class Table
```

```
{
```

```
void print Table (int n)
```

```
{
```

```
synchronized (this)
```

```
for (int i=1; i<=5; i++)
```

```
system.out.println(n+"*"+i+"="+(n*i));
```

```
try
```

```
Thread.sleep (400);
```

```
}
```

```
catch (Exception e)
```

```
{
```

```
system.out.println(e);
```

```
}
```

```
}
```

```
}
```

```
}
```

```
}
```

```
class mythread1 extends Thread
```

```
{
```

```
Table t;
```

```
Mythread1 (Table t)
```

```
{
```

```
this.t = t;
```

```
}
```

```
public void run()
```

```
{
```

```
t.printTable(5);
}
```

```
}
class MyThread2 extends Thread
{
```

```
    Table t;
    MyThread2 (Table t)
    {
```

```
        this.t = t;
    }
```

```
    public void run ()
    {
        t.printTable(100);
    }
}
```

```
class Use
{
```

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

```
        Table obj = new Table();
```

```
        MyThread1 th1 = new
```

```
        MyThread1 (obj)
```

```
        MyThread2 th2 = new
```

```
        MyThread2 (obj);
```

```
        th1.start();
```

```
        th2.start();
    }
}
```