

## Practise Program:-

Create a class Table including a method printTable which prints multiplication table of a given value. Create two threads which prints multiple table of 5 & 100 by calling the same function on same object. Test the threads.

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();
```

```
}}
```

```
class Table {
```

```
void printTable (int n)
```

```
{
```

```
synchronized (this)
```

```
{
```

```
for (int i=1; i<=10; i++)
```

```
{
```

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

```
try {
```

```
Thread.sleep(500);
```

```
}
```

```
catch (Exception e)
```

```
{
```

```
System.out.println(e); } } } }
```

```
class MyThread1 extends Thread
```

```
{
```

Table t;

MyThread1 (Table t)

{  
this.t = t;  
}

public void run()

{  
t.printable(5);  
}

class MyThread2 extends Thread {

Table t;

MyThread2 (Table t)

{  
this.t = t;  
}

public void run()

{  
t.printable(100);  
}