

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

```
class Table
{
    void printTable(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();
    }
}

```

output:

```

ADITYAs-MacBook-Pro:sample adityaparakasha$ javac Use.java
ADITYAs-MacBook-Pro:sample adityaparakasha$ java Use
5*1=5
5*2=10
5*3=15
5*4=20
5*5=25
100*1=100
100*2=200
100*3=300
100*4=400
100*5=500
ADITYAs-MacBook-Pro:sample adityaparakasha$ █

```