Use1.java - Notepad

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```
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(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 Use1
```

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```
                                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 Use1
{
        public static void main(String args[])
        {
                Table obj = new Table();
                Mythread1 th1 = new Mythread1(obj);
                Mythread2 th2 = new Mythread2(obj);
                th1.start();
                th2.start();
        }
}
```

Windows PowerShell

```
PS C:\Users\sarayu\Desktop\ooj> javac Use1.java
PS C:\Users\sarayu\Desktop\ooj> java Use1
5*1=5
5*2=10
5*3=15
5*4=20
5*5=25
5*6=30
5*7=35
5*8=40
5*9=45
5*10=50
100*1=100
100*2=200
100*3=300
100*4=400
100*5=500
100*6=600
100*7=700
100*8=800
100*9=900
100*10=1000
PS C:\Users\sarayu\Desktop\ooj>
```

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```
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 (400);
             }
             catch (Exception e)
             {
                System.out.println (e);
            } } } }
Class Mythread1 extends Thread
{
     Table t;
     Mythread (Table t)
     {  this.t = t;
     }
      public void run ()
      {  t.printTable (5);
     }
}
Class Mythread2 extends Thread
  {
       Table t;
```

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```
Mythread2 (Table t)
{
    this.t = t;
}
    public void run()
    {
        t.printTable(100);
    }
}
Class UseI
{
    public static void main(String args[])
{
Table obj = new Table();
MyThread th1 = new MyThread1(obj);
MyThread th2 = new MyThread2(obj);
th1.start();
th2.start();
}
}
```

output :-

5*1=5	100*1=100
5*2=10	100*2=200
5*3=15	100*3=300
5*4=20	100*4=400
5*5=25	100*5=500
5*6=30	100*6=600
5*7=35	100*7=700
5*8=40	100*8=800
5*9=45	100*9=900
5*10=50	100*10=1000