0.3	S.P.POOJA Pate
(5)	1BM 19CS135
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	Syrcheonous Program
	inport java. util. Scanne;
*	public class table &
	public static word main (String augs [7) (
	Car C = 1000 CatC/)
	Scance Scannel (System.in);
	System.out. pentla (" input the number of elements");
	int n= ge. nextInt()', "mod?" = mon photo
	table obj = new table (n, c, 5);
	table obj 1 = new table (n, c, 100); &
	ky {
	interests in a new describe (use, non ellement)
	Enternals one new Enternals (use Lange) tolight
	Catch (Exception e) f. is + " smore") reting due making
	System. out. printer ("exception occured"); 3
	System out paintle (" thank you"),
	interior
	class table implements Runnable (
	int n, table; [i] estermines in + [i] estermini = lord
	Cal tar;
	table (wit n, cal, c, int tab) { () table tab;
	tae= c'
	thenen'
	t= new Thread (this); t. start(); 3
	public void eun () & Synchronized (tax) {
	tax.cals(n, tabl); 333
	clays calf
	wind cals lint n, int ta) &
	for Cont i=1', ix n', i++) {
	System-out-pently (tax"x" +it"="+(ta*i));
	3
	9
	3

```
import java.util.Scanner;
public class tables {
public static void main(String args[]) {
          cal c = new cal();
          Scanner sc = new Scanner(System.in);
System.out.println("input the number of elements");
          int n = sc.nextInt();
table obj = new table(n.c.5);
          table obj1 = new table(n,c,100);
          try {
                    obj.t.join();
                    obj1.t.join();
          }catch(Exception e) {
                    System.out.println("exception occured");
          System.out.println("thank you");
class table implements Runnable {
          int n,tabl;
          Thread t;
          cal tar;
          table(int n.cal c.int tab){
    tabl =tab;
                    tar=c;
                    this.n=n;
                    t=new Thread(this);t.start();
          public void run() {
                    synchronized(tar) {
                             tar.cals(n, tabl);
                    }
          }
class cal{
void cals(int n.int ta) {
    for(int l=1;i<=n;i++) {</pre>
                    System.out.println(ta+" x "+i+" = "+(ta*i));
          }
Ж
```

```
[poojaraghu@Poojas-MacBook-Pro Desktop % java tables
input the number of elements
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 \times 5 = 25
5 x 6 = 30
100 x 1 = 100
100 x 2 = 200
100 x 3 = 300
100 x 4 = 400
100 x 5 = 500
100 x 6 = 600
thank you
poojaraghu@Poojas-MacBook-Pro Desktop % |
```