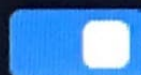


```
1 import java.util.Scanner;
2 public class tables {
3     public static void main(String args[]) {
4         cal c = new cal();
5         Scanner sc = new Scanner(System.in);
6         System.out.println("What number of multiples do you want?");
7         int n = sc.nextInt();
8         table obj = new table(n,c,5);
9         table obj1 = new table(n,c,100);
10        try {
11            obj.t.join();
12            obj1.t.join();
13        }catch(Exception e) {
14            System.out.println("exception occurred");
15        }
16        System.out.println("thank you");
17    }
18 }
19 class table implements Runnable {
20     int n,tabl;
21     Thread t;
22     cal tar;
23     table(int n,cal c,int tab){
24         tabl =tab;
25         tar=c;
26         this.n=n;
27         t=new Thread(this);t.start();
28     }
29     public void run() {
30         synchronized(tar) {
31             tar.cals(n, tabl);
32         }
33     }
34 }
35 class cal{
36     void cals(int n,int ta) {
37         for(int i=1;i<=n;i++) {
38             System.out.println(ta+" x "+i+" = "+(ta*i));}
39     }
40 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

CommandLine Arguments



Interactive



Execute



Result

compiled and executed in 31.969 sec(s)

What number of multiples do you want?

8

5 x 1 = 5

5 x 2 = 10

5 x 3 = 15

5 x 4 = 20

5 x 5 = 25

5 x 6 = 30

5 x 7 = 35

5 x 8 = 40

100 x 1 = 100

100 x 2 = 200

100 x 3 = 300

100 x 4 = 400

100 x 5 = 500

100 x 6 = 600

100 x 7 = 700

100 x 8 = 800

thank you