

Problem

Objective

In this challenge, we will use loops to do some math. Check out the [Tutorial](#) tab to learn more.

Task

Given an integer, n , print its first 10 multiples. Each multiple $n \times i$ (where $1 \leq i \leq 10$) should be printed on a new line in the form: $n \times i = \text{result}$.

Example

$n = 3$

The printout should look like this:

Leaderboard

```
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
```

Discussions

Input Format

A single integer, n .

Constraints

- $2 \leq n \leq 20$

Output Format

Print 10 lines of output; each line i (where $1 \leq i \leq 10$) contains the **result** of $n \times i$ in the form:
 $n \times i = \text{result}$.

Editorial

Sample Input

```
2
```

Tutorial

Sample Output

```
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
```

Change Theme Java 8

```
1 import java.math.*;
2 import java.security.*;
3 import java.text.*;
4 import java.util.*;
5 import java.util.concurrent.*;
6 import java.util.regex.*;
7
8
9 public class Solution {
10
11     private static final Scanner scanner = new Scanner(System.in);
12
13     public static void main(String[] args) {
14         int n = scanner.nextInt();
15         scanner.skip("(\\r\\n|\\[\\n\\r\\u2028\\u2029\\u0085])?");
16
17         for (int i = 1; i <= 10 ; i++) {
18             System.out.println(n + " x " + i + " = " + n * i);
19         }
20
21         scanner.close();
22     }
23 }
24
```

Line: 13 Col: 19

Upload Code as File

Test against custom input

Run Code

Submit Code

You have earned 30.00 points!

You are now 1 challenge away from the 2nd star for your 30 days of code badge.

80% 6/7

30 Days of Code

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Compiler Message

Success

Input (stdin)

```
1 2
```

Download

Expected Output

Download

```
1 2 x 1 = 2
2 2 x 2 = 4
3 2 x 3 = 6
4 2 x 4 = 8
5 2 x 5 = 10
6 2 x 6 = 12
```