

Problem

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Objective

In this challenge, we're going to use loops to help us do some simple math.

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: $N \times i = \text{result}$.

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:
 $N \times i = \text{result}$.

Sample input

2

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

Language

java 7

Exit Full Screen View

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

Line: 22 Col: 1

Upload Code as File

Test against custom input

Run Code

Submit Code

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You have earned 10.00 points!

You are now 5 points away from the 2nd star for your java badge.

80%

45/50

Congratulations

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

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Next Challenge

Test case 0

Test case 1

Test case 2

Expected Output

Download

12 x 1 = 2
22 x 2 = 4
32 x 3 = 6
42 x 4 = 8
52 x 5 = 10
62 x 6 = 12
72 x 7 = 14
82 x 8 = 16
92 x 9 = 18
102 x 10 = 20