Java Loops I ★

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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 x i = 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 $\textit{result}$ of $N \times i$ in the form:

`N x i = 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
```

```java
1   import java.io.*;
2   import java.math.*;
3   import java.security.*;
4   import java.text.*;
5   import java.util.*;
6   import java.util.concurrent.*;
7   import java.util.regex.*;
8
9
10
11  public class Solution {
12      public static void main(String[] args){
13      Scanner in = new Scanner(System.in);
14          int N = in.nextInt();
15          if(N>=2||N<=20){
16              for(int i=1;i<=10;i++){
17
18                  System.out.println(N+" x "+i+" = "+N*i );
19              }
20          }
21      }
```

Line: 24 Col: 1

⬆ Upload Code as File   ☐ Test against custom input

Run Code   Submit 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)   Download

1 | 2

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