



Java Loops I ★

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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

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Language

Java 7



```
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) throws IOException {
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     }
22 }
23
```

Line: 23 Col: 1

 Upload Code as File☐ Test against custom input

Run Code

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