

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
```

```
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 public class Solution {
10
11     private static final Scanner scanner = new Scanner(System.in);
12     public static void main(String[] args) {
13         int N = scanner.nextInt();
14         scanner.skip("(\\r\\n|\\[\\n\\r\\u2028\\u2029\\u0085]?)");
15         if(N>1 && N<=20)
16         {
17             for(int i=1 ; i<=10 ; i++)
18             {
19                 int mul=N*i;
20                 System.out.println(N+" x "+i+" = "+mul);
21             }
22         }
23         scanner.close();
24     }
25 }
26
```

Upload Code as File

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Run Code

Submit Code

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24 }
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Line: 26 Col: 1

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Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

Input (stdin)

Download

```
1 2
```

Your Output (stdout)

```
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
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Problem

Submissions

Leaderboard

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Sample Test case 0

Expected Output

[Download](#)

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Line: 26 Col: 1

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You have earned 10.00 points!

You are now 12 points away from the 2nd star for your java badge.

52%

38/50

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

Input (stdin)

1 2

Download

Expected Output

Download

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