



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

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

Line: 25 Col: 1

[Upload Code as File](#)☐ Test against custom input

Run Code

Submit Code

You have earned 10.00 points!

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40% 35/50



Congratulations

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

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Test case 0

Compiler Message

Test case 1

Success

Test case 2

Input (stdin)

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1 2

Expected Output

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```
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
```

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