



# Java Loops I ★

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## RATE THIS CHALLENGE



### 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         BufferedReader bufferedReader = new BufferedReader(new InputStreamReader
14         (System.in));
15
16         int N = Integer.parseInt(bufferedReader.readLine().trim());
17         for(int i=1;i<11;i++){
18             System.out.println(N+" x "+i+" = "+N*i);
19         }
20         bufferedReader.close();
21     }
```

Line: 22 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?

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### ✓ Test case 0

Compiler Message

### ✓ Test case 1

Success

### ✓ Test case 2

Input (stdin)

1	2
---	---

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Expected Output

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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