



# Day 5: Loops



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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. Check out the [Tutorial](#) tab to learn more.

## 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
```



Submissions: 75396

Max Score: 30

Difficulty: Easy

Rate This Challenge:

★★★★★ Thanks!

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Current Buffer (saved locally, editable)

C#



```
1 using System;
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 class Solution {
6
7     static void Main(String[] args) {
8         int n = Convert.ToInt32(Console.ReadLine());
9
10        for (int i = 1; i <= 10; i++)
11        {
12            Console.WriteLine("{0} x {1} = {2}", n, i, n * i);
13        }
14    }
15 }
16
```

Line: 14 Col: 6

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

## Congrats, you solved this challenge!

✓ Test Case #0

✓ Test Case #1

✓ Test Case #2

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