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# Day 5: Loops ■



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.

Given an integer, n, print its first 10 multiples. Each multiple  $n \times i$  (where  $1 \le i \le 10$ ) should be printed on a new line in the form:  $n \times i = result$ .

### **Input Format**

A single integer, n.

### **Constraints**

•  $2 \le n \le 20$ 

### **Output Format**

Print 10 lines of output; each line i (where  $1 \le i \le 10$ ) contains the result of  $n \times i$  in the form:

 $n \times i = result.$ 

### **Sample Input**

## **Sample Output**

 $2 \times 1 = 2$ 

 $2 \times 2 = 4$ 

 $2 \times 3 = 6$  $2 \times 4 = 8$ 

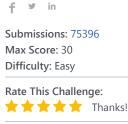
 $2 \times 5 = 10$ 

2 x 6 = 12

 $2 \times 7 = 14$ 

 $2 \times 8 = 16$ 

 $2 \times 9 = 18$  $2 \times 10 = 20$ 



More

C#







Current Buffer (saved locally, editable) & 🗘



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

<u>**\$** Upload Code as File</u> ☐ Test against custom input

Run Code

Submit Code

# Congrats, you solved this challenge! ✓ Test Case #0 ✓ Test Case #1 ✓ Test Case #2 Next Challenge

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