HackerRank ■

Day 5: Loops ⭐

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Your Day 5: Loops submission got 30.00 points.   Share   Tweet

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Objective

In this challenge, we will use loops to do some 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 x i = result`.

Example

$n = 3$

The printout should look like this:

```
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
```

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 x i = 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
```

Change Theme   Language   Python 3 ▾

```
 1    #!/bin/python3
 2
 3    import math
 4    import os
 5    import random
 6    import re
 7    import sys
 8
 9
10
11  ∨ if __name__ == '__main__':
12        n = int(input().strip())
13  ∨     for i in range(1,10+1):
14            print(n,"x",i,"=",n*i)
15
16
17
```

Line: 14 Col: 18

⬆ Upload Code as File   ☐ Test against custom input   Run Code   **Submit Code**

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80%   6/7

30
Days of Code
★

Congratulations
You solved this challenge. Would you like to challenge your friends? 🇫 🐦 in   **Next Challenge**

⊘ **Test case 0**

⊘ **Test case 1** 🔒

⊘ **Test case 2** 🔒

Compiler Message

Success

Input (stdin)   Download

```
1    2
```

Expected Output

Download

```
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
```