

# Day 5: Loops

## 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
```

$$2 \times 9 = 18$$

$$2 \times 10 = 20$$