Kata 10 - Multiplication Table

Assignment

65 - 90 minutes

Status | Complete

STRETCH ACTIVITY
This activity is marked as stretch. We strongly suggest you come back to it if/when you've completed all the core exercises for the prep course.

In this exercise, we will be printing multiplication tables to the console.

Multiplication Table

We will be given a number as our input data. This number is the highest value of our multiplication table. Our job is to generate a multiplication table for the values from 1 to the provided number.

Input

```
const multiplicationTable = function(maxValue) {
  // Your code here
};

console.log(multiplicationTable(1));
console.log(multiplicationTable(5));
console.log(multiplicationTable(10));
```

Output

```
1

1 2 3 4 5
2 4 6 8 10
3 6 9 12 15
4 8 12 16 20
5 10 15 20 25

1 2 3 4 5 6 7 8 9 10
2 4 6 8 10 12 14 16 18 20
3 6 9 12 15 18 21 24 27 30
4 8 12 16 20 24 28 32 36 40
5 10 15 20 25 30 35 40 45 50
6 12 18 24 30 36 42 48 54 60
7 14 21 28 35 42 49 56 63 70
8 16 24 32 40 48 56 64 72 80
9 18 27 36 45 54 63 72 81 90
10 20 30 40 50 60 70 80 90 100
```

Create a function named `multiplicationTable` that receives a number `maxValue` as input and creates a square multiplication table where `maxValue` is the largest value in the table.

Submit Your Work

- Browse to gist.github.com and create a new gist.
- Copy-and-paste your code into the form
- Name the gist and the file appropriately and click `Create secret gist`.
- Finally, mark this activity as completed (at the bottom of this page) and please copy/paste the *entire* browser URL for your gist (from *gist.github.com*) into the text field.

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https://gist.github.com/sa ✖ Cancel Submission

Previous
Kata 9 - Case Maker (Stretch)

Next
Kata 11 - Bouncy Castles (Stretch)

How well did you understand this content?

Thank you for your feedback

Totally got it!

Please give us some written insight into your feedback

Prep Work

1: Welcome

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› 2: Dev Environment

› 3: Version Control

› 4: Programming Intro

› 5: The Browser

⌄ 6: Katas

6 hrs ***+ 29 hrs stretch*** 🏆

- Katas ✓
- Kata 1 - Sum the Largest Numbers ✓
- Kata 2 - Conditional sums ✓
- Kata 3 - Vowels ✓
- Kata 4 - Instructors Names ✓
- Kata 5 - Percent Encoded String ✓
- Kata 6 - SmartParking ✓
- Kata 7 - In the Air Tonight ✓
- *Kata 8 - Repeating Numbers* ✓
- *Kata 9 - Case Maker* ✓
- *Kata 10 - Multiplication Table* ✓
- *Kata 11 - Bouncy Castles* ✓
- *Kata 12 - The Great Codeville Bake-off* ✓
- *Kata 13 - Talking Calendar* ✓
- *Kata 14 - Change Calculator* ✓
- *Kata 15 - Organizing Instructors* ✓
- *Kata 16 - Case Maker II* ✓
- *Kata 17 - JS Object From URL Encoded String* ✓
- *Kata 18 - Square Code* ✓
- *Kata 19 - Queen Threat Detector* ✓
- *Kata 20 - Taxicab Geometry* ✓
- *Kata 21 - Number Guesser* ✓

› 7: Stretch Project

› 8: The Lab Manual

› 9: Day One Prep

› 10: Collab Tools Setup

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LIGHTHOUSE LABS