

# Abel Kalamar

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abelkalamar

# What have I learned

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- HTML and CSS basics



# What have I learned

- using CLI and GitHub

```
MINGW64/D:/Ábi/Saját/Greenfox/abelkalamar/Week-02/Day-02
abelkalamar@DESKTOP-2I51CLR MINGW64 /D:/Ábi/Saját/Greenfox/Week-02/Day-02 (master)
$ ls
dir01/ dir02/ dir03/ dir04/ dir05/ first-task/

abelkalamar@DESKTOP-2I51CLR MINGW64 /D:/Ábi/Saját/Greenfox/Week-02/Day-02 (master)
$ cd ../../Week-02/Day-02

abelkalamar@DESKTOP-2I51CLR MINGW64 /D:/Ábi/Saját/Greenfox/Week-02/Day-02 (master)
$ ls
01_doubling.ts      09_sum-elements.ts    16_counting.ts
02_greets.ts        10_swap-elements.ts   17_sum.ts
03_append-a-func.ts 11_print-all.ts       18_matrix.ts
04_sum.ts           11_print-all-v2.ts    19_reverse.ts
05_factorio.ts      12_change-elements.ts 20_uniq.ts
06_print-param.ts   13_increment-element.ts 21_bubble.ts
07_third.ts         14_append-a.ts
08_compare-lengths.ts 15_double-items.ts

abelkalamar@DESKTOP-2I51CLR MINGW64 /D:/Ábi/Saját/Greenfox/Week-02/Day-02 (master)
$ |
```



Abel Kalamar

abelkalamar

ex-civil engineer, pre-junior software developer

Edit bio

Organizations



Overview Repositories 5 Stars 0 Followers 0 Following 1

Find a repository...

Type: All

Language: All

New

abelkalamar.github.io

My website

HTML Updated 3 days ago

git-lesson-repository

Forked from green-fox-academy/git-lesson-repository

HTML 472 Updated 5 days ago

hello-world

Test repository for learning github\_greenfox\_day2

Updated 5 days ago

patchwork

Forked from jlord/patchwork

All the Git-it Workshop completers!

HTML 21,787 Other Updated 5 days ago



# What have I learned

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- JavaScript and TypeScript basics

```
let lineCount: number = 10;  
let result: string = '*'
```

```
for (let i: number = 1; i <= lineCount; i++) {  
    console.log(result);  
    result += '*';  
}
```

```
*  
**  
***  
****  
*****  
*****  
*****  
*****  
*****  
*****  
*****
```

# What have I learned

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- JavaScript and TypeScript basics

```
let lineCount: number = 10;  
let star: string = '*';  
let spaceNum: number = lineCount;
```

```
for (let i: number = 1; i <= lineCount; i++) {  
  let spc: string = (' ').repeat(spaceNum);  
  console.log(spc + star);  
  star += '**';  
  spaceNum--;  
}
```

```
      *  
    ***  
  *****  
 *****  
*****  
*****  
*****  
*****  
*****  
*****  
*****
```

# Challenges

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- 2D arrays

```
for (let i: number = 0; i < size; i++) {  
  matrix.push([]);  
  matrix[i].push([]);  
  for (let j: number = 0; j < size; j++) {  
    if (i + j == (size - 1)) {  
      matrix[i][j] = 1;  
    } else {  
      matrix[i][j] = 0;  
    }  
  }  
}
```

```
console.log(matrix);
```

```
[ [ 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 ],  
  [ 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 ],  
  [ 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 ],  
  [ 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 ],  
  [ 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 ],  
  [ 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 ],  
  [ 0, 0, 0, 1, 0, 0, 0, 0, 0, 0 ],  
  [ 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 ],  
  [ 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 ],  
  [ 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 ] ]
```

# + 1 thought

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- remove duplicates from an array

```
let array: any[] = [0, 3, 55, 3, 'hello', 0, 53, 0, 'hello', 3];
```

```
function uniq(arr: any[]): any[] {  
  let uniqArr: any[] = [];  
  for (let i: number = 0; i < arr.length; i++) {  
    if (arr.indexOf(arr[i]) == i) {  
      uniqArr.push(arr[i]);  
    }  
  }  
  return uniqArr;  
}
```

```
console.log(uniq(array));
```

Output:

```
[ 0, 3, 55, 'hello', 53 ]
```

Thank you for your attention!

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