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Extract Matrix Column

 152,654



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[CODEWRITING](#) [SCORE: 300/300](#)

Given a rectangular matrix and an integer `column` , return an array containing the elements of the `columnth` column of the given matrix (the leftmost column is the `0th` one).

Example

For

```
matrix = [[1, 1, 1, 2],
          [0, 5, 0, 4],
          [2, 1, 3, 6]]
```

and `column = 2` , the output should be
`extractMatrixColumn(matrix, column) = [1, 0, 3]` .

Input/Output

- **[execution time limit] 4 seconds (js)**
- **[input] array.array.integer matrix**

2-dimensional array of integers representing a rectangular matrix.

Guaranteed constraints:

```
1 ≤ matrix.length ≤ 4 ,
1 ≤ matrix[0].length ≤ 4 ,
0 ≤ matrix[i][j] ≤ 300 .
```

- **[input] integer column**

An integer not greater than the number of `matrix` columns.

Guaranteed constraints:

```
0 ≤ column ≤ matrix[i].length - 1 .
```

- **[output] array.integer**

[JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
  console.log("This prints to the console when you Run Tests");
  return "Hello, " + name;
}
```