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Submissions

Problem	Language	Time	Result	Score	Action
Matrix Layer Rotation	javascript	5 minutes	Accepted	80.0	<button>View results</button>
Two Two	javascript	about 1 hour	Accepted	150.0	<button>View results</button>
Two Two	javascript	about 1 hour	Wrong Answer	5.56	<button>View results</button>
Matrix Layer Rotation	javascript	about 1 hour	Wrong Answer	53.33	<button>View results</button>
Matrix Layer Rotation	javascript	about 1 hour	Wrong Answer	53.33	<button>View results</button>
Organizing Containers of Balls	javascript	about 2 hours	Accepted	30.0	<button>View results</button>
Organizing Containers of Balls	javascript	about 2 hours	Accepted	30.0	<button>View results</button>
Forming a Magic Square	javascript	about 3 hours	Accepted	20.0	<button>View results</button>

Forming a Magic Square	javascript	about 3 hours	Accepted	20.0	<button>View results</button>
Number Line Jumps	javascript	7 days	Accepted	10.0	<button>View results</button>

Problem	Language	Time	Result	Score	Action
Number Line Jumps	javascript	7 days	Terminated due to timeout	4.05	View results
Number Line Jumps	javascript	7 days	Terminated due to timeout	4.05	View results
Mini-Max Sum	typescript	7 days	Accepted	10.0	View results
Staircase	typescript	7 days	Accepted	10.0	View results
Plus Minus	typescript	7 days	Accepted	10.0	View results
Simple Array Sum	typescript	7 days	Accepted	10.0	View results

EASY

Plus Minus

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Plus Minus

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RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Typescript	7 days ago	View Results

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Change Theme Language TypeScript

```
29  */
30
31  function plusMinus(arr: number[]): void {
32      // Write your code here
33      let nTypes: { positive: number, negative: number, zero: number } = {
34          positive: 0,
35          negative: 0,
36          zero: 0,
37      };
38
39      for (const val of arr) {
40          if (val < 0) {
41              nTypes.negative++
42          } else if (val === 0) {
43              nTypes.zero++
44          } else if (val > 0) {
45              nTypes.positive++
46          }
47      }
48
49      for (const val of Object.values(nTypes)) {
50          console.log((val / arr.length).toFixed(6))
51      }
52  }
53
54  function main() {
55      const n: number = parseInt(readLine().trim(), 10);
```

Line: 61 Col: 1

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Staircase

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Staircase

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Change Theme Language TypeScript

```
20
21 ✓ function readLine(): string {
22     return inputLines[currentLine++];
23 }
24
25 /*
26  * Complete the 'staircase' function below.
27  *
28  * The function accepts INTEGER n as parameter.
29  */
30
31 ✓ function staircase(n: number): void {
32     let res = ''
33
34     for (let i = n, j = 1; i > 0; i--, j++) {
35         res += i === 1 ? '#'.repeat(n) : ' '.repeat(i - 1) + '#'.repeat(j) + '\n'
36     }
37     console.log(res)
38 }
39
40
41 ✓ function main() {
42     const n: number = parseInt(readLine().trim(), 10);
43     staircase(n);
44 }
45
46
```

Line: 46 Col: 1

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Mini-max-sum

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Mini-Max Sum

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Change Theme Language TypeScript

```
21 function readLine(): string {
22     return inputLines[currentLine++];
23 }
24
25 /*
26  * Complete the 'miniMaxSum' function below.
27  *
28  * The function accepts INTEGER_ARRAY arr as parameter.
29  */
30
31 function miniMaxSum(arr: number[]): void {
32     arr = arr.sort((a, b) => a - b)
33     let min = arr.slice(0, arr.length - 1).reduce((a, b) => a + b)
34     let max = arr.slice(1).reduce((a, b) => a + b)
35
36     let fin = max > min ? min.toString().concat(' ' + max.toString()) : max.toString().concat(' ' + min.toString())
37     console.log(fin);
38 }
39
40
41 function main() {
42     const arr: number[] = readLine().replace(/\s+$/g, '').split(' ').map(arrTemp => parseInt(arrTemp, 10));
43
44     miniMaxSum(arr);
45 }
```

Line: 47 Col: 1

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Kangaroo

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Problem

Submissions

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RESULT	SCORE	LANGUAGE	TIME	
Accepted	10.0	Javascript	7 days ago	View Results
Terminated due to tim...	4.05	Javascript	7 days ago	View Results
Terminated due to tim...	4.05	Javascript	7 days ago	View Results

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Change Theme Language JavaScript (Node.js)

```
26 * Complete the 'kangaroo' function below.
27 *
28 * The function is expected to return a STRING.
29 * The function accepts following parameters:
30 * 1. INTEGER x1
31 * 2. INTEGER v1
32 * 3. INTEGER x2
33 * 4. INTEGER v2
34 */
35
36 function kangaroo(x1, v1, x2, v2) {
37     if (x2 > x1 && v2 >= v1) {
38         return "NO";
39     }
40     else if ((x2 - x1) % (v1 - v2) === 0) {
41         return "YES";
42     }
43     else {
44         return "NO";
45     }
46 }
47
48 function main() {
49     const ws = fs.createWriteStream(process.env.OUTPUT_PATH);
50
51     const firstMultipleInput = readLine().replace(/\s+$/g, '').split(' ');
52
53     Line: 67 Col: 1

```

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MEDIUM

Organizing Containers of Balls

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Organizing Containers of Balls ★

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Accepted	30.0	Javascript	2 hours ago	View Results
Accepted	30.0	Javascript	2 hours ago	View Results

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Change Theme | Language | JavaScript (Node.js)

```
26 * Complete the 'organizingContainers' function below.
27 *
28 * The function is expected to return a STRING.
29 * The function accepts 2D_INTEGER_ARRAY container as parameter.
30 */
31
32 function organizingContainers(container) {
33     // Write your code here
34     let a = new Array(container.length).fill(0);
35     let b = new Array(container.length).fill(0);
36
37     for (let i = 0; i < container.length; i++) {
38         for (let j = 0; j < container.length; j++) {
39             a[i] += container[i][j];
40             b[j] += container[i][j];
41         }
42     }
43     a.sort((a, b) => a - b);
44     b.sort((a, b) => a - b);
45
46     for (let i = 0; i < container.length; i++) {
47         if (a[i] != b[i]) {
48             return "Impossible";
49         }
50     }
51     return "Possible";
52 }
```

Line: 75 Col: 1

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Magic Square

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Forming a Magic Square

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RESULT	SCORE	LANGUAGE	TIME	
Accepted	20.0	Javascript	2 hours ago	View Results
Accepted	20.0	Javascript	3 hours ago	View Results

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Change Theme Language JavaScript (Node.js)

```
22 function formingMagicSquare(s) {
23     const magicSquares = [
24         [[8, 1, 6], [3, 5, 7], [4, 9, 2]],
25         [[6, 1, 8], [7, 5, 3], [2, 9, 4]],
26         [[4, 9, 2], [3, 5, 7], [8, 1, 6]],
27         [[2, 9, 4], [7, 5, 3], [6, 1, 8]],
28         [[8, 3, 4], [1, 5, 9], [6, 7, 2]],
29         [[4, 3, 8], [9, 5, 1], [2, 7, 6]],
30         [[6, 7, 2], [1, 5, 9], [8, 3, 4]],
31         [[2, 7, 6], [9, 5, 1], [4, 3, 8]]
32     ];
33
34     let minCost = Infinity;
35
36     for (const magicSquare of magicSquares) {
37         let cost = 0;
38
39         for (let i = 0; i < 3; i++) {
40             for (let j = 0; j < 3; j++) {
41                 cost += Math.abs(s[i][j] - magicSquare[i][j]);
42             }
43         }
44
45         minCost = Math.min(minCost, cost);
46     }
47
48     return minCost;
49 }
```

Line: 76 Col: 1

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HARD

Matrix Layer Rotation

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Accepted	80.0	Javascript	6 minutes ago	View Results
Wrong Answer	53.33	Javascript	an hour ago	View Results
Wrong Answer	53.33	Javascript	an hour ago	View Results

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Change Theme Language JavaScript (Node.js)

```
1 function valueAt(matrix, x, y, rot) {
2   var level, limits = { x: 0, y: 0 }, levels = { x: 0, y: 0 };
3   levels.x = (x < matrix[y].length / 2) ? x : matrix[y].length - x - 1;
4   levels.y = (y < matrix.length / 2) ? y : matrix.length - y - 1;
5   level = Math.min(levels.x, levels.y);
6   limits.x = matrix[y].length - level - 1;
7   limits.y = matrix.length - level - 1;
8
9   var max = (matrix.length - level * 2) * 2 + (matrix[y].length - level * 2) * 2 - 4;
10  //process.stdout.write("\n! " + max + " : " + rot + " -x " + limits.x + " -y " + limits.
11  "\n");
12
13  rot = rot % max;
14
15  for (; rot > 0; rot--)
16    if (y == level && x < limits.x) x += 1;
17    else if (x == limits.x && y < limits.y) y += 1;
18    else if (y == limits.y && x > level) x -= 1;
19    else if (x == level && y > level) y -= 1;
20
21  return matrix[y][x];
22 }
23
24 function processData(input) {
25   var numbers, lines = input.split("\n");
26   var dims = lines[0].split(' ').map(function (v) { return parseInt(v); });
```

Line: 54 Col: 1

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Two-Two

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Two Two

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Accepted	150.0	Javascript	44 minutes ago	View Results
Wrong Answer	5.56	Javascript	an hour ago	View Results

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Change Theme Language JavaScript (Node.js)

```
24
25 /*
26  * Complete the 'twoTwo' function below.
27  *
28  * The function is expected to return an INTEGER.
29  * The function accepts STRING a as parameter.
30  */
31
32 function twoTwo(a) {
33     let res = 0, str = '';
34
35     for (let i = 0; i <= 800; i++) {
36         str = BigInt(2 ** i).toString();
37         let pos = 0;
38         while ((pos = a.indexOf(str, pos)) > -1) {
39             res++;
40             pos++;
41         }
42     }
43     return res;
44 }
45
46 function main() {
47     const ws = fs.createWriteStream(process.env.OUTPUT_PATH);
48
49     const t = parseInt(readLine().trim(), 10);
```

Line: 61 Col: 1

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