

Js problem_8.js U X

Js problem_8.js > ...

```
156 // 11. ab jab bhi pahale value aayegye, vah zero hogye usme +1 ker dega.
157 // kuch is tareke se :-
158 // map1[item] = (map1[item] || 0) + 1;
159 // 12. to isse kea hoga, isse aapko sahe tareke se value mil jayegye, ek bar fir hm console kerke dekhte hai, ke hamare key ke value aache se console ho rahe hai, ya nahi
160 function checkSquare(array1, array2) {
161
162     let map1 = { };
163     let map2 = { };
164
165     for(item of array1) {
166         map1[item] = (map1[item] || 0) + 1;
167     };
168     console.log(map1);
169 };
170 checkSquare([1,2,4,2], [1,4,4,16]);
171
```



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [] ^ X

Windows PowerShell

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PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8\problem_8.js"

```
{ '1': 1, '2': 2, '4': 1 }
```

PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> []



EXPLORER

▼ CHECK_SQUARE_ELEMENT...

- problem_8.js U
- problem8.1.... U
- problem8.png U

problem_8.js U

```
257 // 24. yaha tak complete hone per hm esse complete likh lete hai, or sath output check ker lete hai.
258 function checkSquare(array1, array2) {
259
260     let map1 = { };
261     let map2 = { };
262
263     for(item of array1) {
264         map1[item] = (map1[item] || 0) + 1;
265     };
266     console.log("Map1", map1);
267
268     for(item1 of array2) {
269         map2[item1] = (map2[item1] || 0) + 1;
270     }
271     console.log("Map2", map2);
272
273     for(let key in map1) {
274         console.log("key", key);
275         if(!map2[key*key]) {
276             return false;
277         };
278     // ( iske under hmne keye hai, hm object keys ko check ker rahe hai, in term od square [object key compare in term of square] )
279
280     if(map1[key] !== map2[key*key]) {
281         return false;
282     }
283     // ( yaha per hm kea ker rahe hai, value match ker rahe hai, [value compare] )
284 };
285 return true;
286 };
287 const result = checkSquare([1,2,4,2], [1,4,4,16]);
288 console.log(result);
```



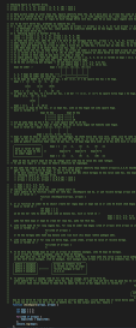
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8\problem_8.js"
Map1 { '1': 1, '2': 2, '4': 1 }
Map2 { '1': 1, '4': 2, '16': 1 }
key 1
key 2
key 4
true
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> []
```

> OUTLINE

> TIMELINE

```
115 // 6. to pahale element 1 aayega item me fir vah map me jayega, pure value form me,
116 //     subse pahale hm for loop ke under kerte hai, map1 [item] --> isme item yah mare key ho gaye hai ke (item of array1), array1 yaha array1 se aayegye vah hm isme map1 [item], item dal degay,
117 //     or similar hame value chaheye to hame key ke equal me value ko dal degay kuch is tareke se :-
118 //
119 //                                     for(item of array1) {
120 //                                     map1[item] = map1[item];
121 //                                     |           |
122 //                                     | yah ho gaye mare key | | or yah ho gaye value |
123 //                                     |           |           |
124 //                                     };
125 // map ko use kerne ke liye hame key or value ke jarurat padte hai, isliye hamne key or value dalna pada.
126 // { yaha tak ke process ko hm run ker ke dekhthe hai, ke kea output aata hai, hamara }
127 function checkSquare(array1, array2) {
128     let map1 = { };
129     let map2 = { };
130
131     for(item of array1) {
132         map1[item] = map1[item];
133     };
134     console.log(map1);
135 };
136 checkSquare([1,2,3,2], [1,4,4,16]);
```



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```
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja
a\check_square_elements_of_another_array-optimized_solution_problem_8\problem_8.js"
```

```
{ '1': undefined, '2': undefined, '3': undefined }
```

```
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\check_square_elements_of_another_array-optimized_solution_problem_8> []
```