

Home Assignment. Find the Necessary Array Method

Mentor-review

Level: Advanced

JavaScript

Estimated time of completion: 30 minutes

You need to submit this task for review.

Watch the video lessons to complete this task. If you have any questions, you may ask your mentor’s help via the use the real time chat on the learning platform. You can find it on the down right corner of your screen.

After you submit the completed task, mentors will review it and send their feedback via email. Don’t worry if your work is not approved: you can always retake the assignment, and it won’t affect your final grade.

Goal

Find the most used item on the array using array methods.

Instructions

You have an array with some repeated elements. For example, the element “Web Developer” is repeated below 3 times.

```
const arr = [
  "Web Developer",
  "Refocus",
  "Web Developer",
  "Web Developer",
  "Refocus",
  "Awesome",
];
```

Create an algorithm that counts the number of times each element is repeated and shows the result using the console. To do that, find the necessary array method/s in the summary and use your previous knowledge.

Hint: Remember lesson 2 on JavaScript? If you are struggling with the task, try drawing a flowchart before coding. Understand the actions you need to take, and only then try to code them on VS Code.

Expected Outcome

After completing the assignment, you should see the following result as an output on the console:

```
{ 'Web Developer': 3, Refocus: 2, Awesome: 1 }
```

How to upload completed tasks

To upload the assignment, make a “.zip” archive containing all the necessary files, and upload the file [here](#).