

Classwork: JavaScript Array - filter

Thursday, November 6, 2025 11:48 AM

Submission:

- Push to "javascript_assignment" repository.
- Save html file as "javascript_assignment_3.html"
- If using external JavaScript, name as wish

Instructions:

Use the **filter()** method to create a new array that contains only the names starting with a specific first letter.

In JavaScript, the **filter()** method is used with arrays to test each element and return only those that meet a certain condition.

Basic idea:

```
const newArray = oldArray.filter((element) => {  
  return /* condition that returns true or false */;  
});
```

- If it returns **true**, that element will appear in the new array.
- If it returns **false**, it will be skipped.

Task

1. Copy the following array:

```
const people = [  
  "Alice Anderson",  
  "Aaron Adams",  
  "Bella Brown",  
  "Brian Black",  
  "Cathy Carter",  
  "Charles Cooper",  
  "Diana Davis",  
  "Daniel Drake",  
  "Ella Evans",  
  "Ethan Edwards",  
  "Fiona Fisher",  
  "Frank Foster",  
  "Grace Green",  
  "Gavin Gray",  
  "Hannah Harris",  
  "Henry Hill",  
  "Isabella Ingram",  
  "Ian Irving",  
  "Jack Johnson",  
  "Julia James"  
];
```

2. Use the **filter()** method to create a new array called result that contains only the names starting with a chosen character (for example, "B").
You can hardcode this letter for now.
3. Use console.log to display your filtered list.

Hints

You can use the **charAt(0)** method to get the **first character** of a string.