



Google Developer Student Clubs

JavaScript #3

Core JavaScript



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```
const filterByOrg = study => study.lead_organization === filterByOrg;
const filterStatus = filterByStatus ? study.status === filterByStatus : true;
const filterMatchStatus = matchStatus ? study.status === matchStatus : true;

function filterStudies({ studies, filterByOrg, filterByStatus, matchStatus }) {
  return studies.filter(study => filterByOrg(study) & filterStatus(study) & filterMatchStatus(study));
}
```



Review

```
function filterStudies({ studies, filterByOrg = false, filterByCategory = false }) {
  return studies.filter(study => {
    if (filterByCategory) {
      return study.categories.some(category => category.id === filterByCategory);
    }
    if (filterByOrg) {
      return study.organizations.some(organization => organization.id === filterByOrg);
    }
    return true;
  });
}
```

React

```
function filterStudies({ studies, filterByOrg = false, filterByCategory = false }) {  
  return studies.filter(study => {  
    if (filterByCategory) {  
      return study.categories.some(category => category.id === filterByCategory);  
    }  
    if (filterByOrg) {  
      return study.organizations.some(organization => organization.id === filterByOrg);  
    }  
    return true;  
  });  
}
```