

Find / Findindex

 [js-array-find-findindex-exercise-starter.zip](#) 1.7KB

findUserByUsername

Write a function called *findUserByUsername* which accepts an array of objects, each with a key of *username*, and a string. The function should return the first object with the key of *username* that matches the string passed to the function. If the object is not found, return undefined.

```
const users = [ {username: 'mlewis'}, {username: 'akagen'}, {username: 'msmith'} ]; findUserByUsername(users, 'mlewis') // {username: 'mlewis'} findUserByUsername(users, 'tac o') // undefined
```

removeUser

Write a function called *removeUser* which accepts an array of objects, each with a key of username, and a string. The function should remove the object from the array and return this object. If the object is not found, return undefined.

JavaScript

 Copy

```
const users = [ {username: 'mlewis'}, {username: 'akagen'}, {username: 'msmith'} ]; removeUser(users, 'akagen') // {username: 'akagen'} removeUser(users, 'akagen') // undefined
```

▼ Solution

```
function findUserByUsername(usersArray, username) { return usersArray.find(function (user){ return user.username === username; }) }
```

```
function removeUser(usersArray, username) { let foundIndex = usersArray.findIndex(function(user){ return user.username === username; }) if(foundIndex === -1) return; return usersArray.splice(foundIndex,1)[0]; }
```