

JavaScript with ES6 Features

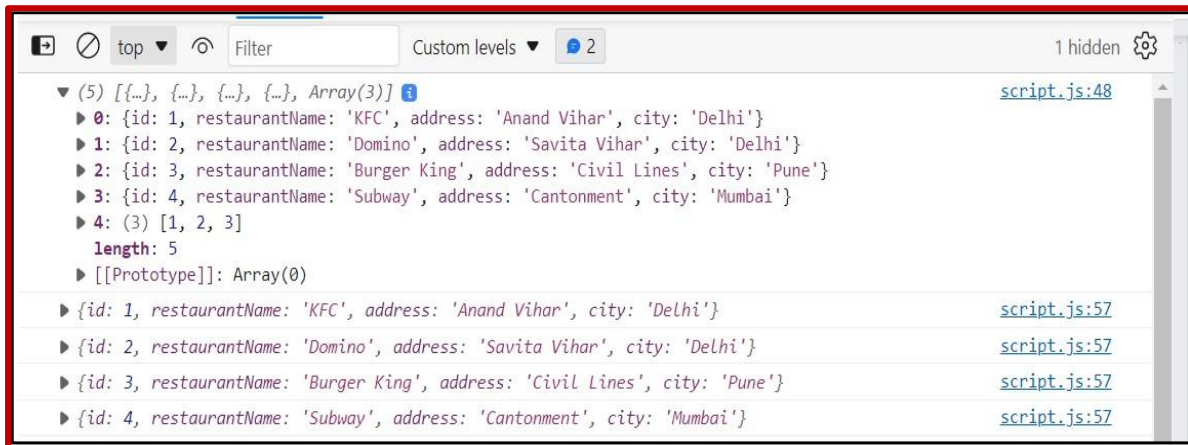
DIY - 23

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Problem Statement 1:

Create two functions, `spreadFunction` and `restFunction` and apply the spread and rest operations.

The expected output is shown below.



```
▼ (5) [{...}, {...}, {...}, {...}, Array(3)]  
  ▶ 0: {id: 1, restaurantName: 'KFC', address: 'Anand Vihar', city: 'Delhi'}  
  ▶ 1: {id: 2, restaurantName: 'Domino', address: 'Savita Vihar', city: 'Delhi'}  
  ▶ 2: {id: 3, restaurantName: 'Burger King', address: 'Civil Lines', city: 'Pune'}  
  ▶ 3: {id: 4, restaurantName: 'Subway', address: 'Cantonment', city: 'Mumbai'}  
  ▶ 4: (3) [1, 2, 3]  
    length: 5  
  [[Prototype]]: Array(0)  
  
  ▶ {id: 1, restaurantName: 'KFC', address: 'Anand Vihar', city: 'Delhi'}  
  ▶ {id: 2, restaurantName: 'Domino', address: 'Savita Vihar', city: 'Delhi'}  
  ▶ {id: 3, restaurantName: 'Burger King', address: 'Civil Lines', city: 'Pune'}  
  ▶ {id: 4, restaurantName: 'Subway', address: 'Cantonment', city: 'Mumbai'}
```

Problem Statement 2:

Convert the below function into an arrow function.

```
function calculateAverageRating(ratings) {  
    if (ratings.length === 0) {  
        return 0; // If there are no ratings, return 0  
    }  
  
    // Calculate the sum of all ratings  
    var sumOfRatings = 0;  
    for (var i = 0; i < ratings.length; i++) {  
        sumOfRatings += ratings[i];  
    }  
  
    // Calculate the average rating  
    var averageRating = sumOfRatings / ratings.length;  
  
    // Return the average rating rounded to 1 decimal place  
    return averageRating.toFixed(1);  
}
```

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