Taylar Conway

**Destructuring Exercise**

**Object Destructuring 1**

console.log(numPlanets); // ? 8

console.log(yearNeptuneDiscovered); // ? 1846

**Object Destructuring 2**

console.log(discoveryYears); // ?

{yearNeptuneDiscovered: 1846, yearMarsDiscovered: 1659}

**Object Destructuring 3**

getUserData({ firstName: "Alejandro", favoriteColor: "purple" }) // ?

'Your name is Alejandro and you like purple'

getUserData({ firstName: "Melissa" }) // ?

'Your name is Melissa and you like green'

getUserData({}) // ?

'Your name is undefined and you like green'

**Array Destructuring 1**

console.log(first); // ? 'Maya"

console.log(second); // ? 'Marissa'

console.log(third); // ? 'Chi'

**Array Destructuring 2**

console.log(raindrops); // ? 'Raindrops on roses'

console.log(whiskers); // ? 'whiskers on kittens'

console.log(aFewOfMyFavoriteThings); // ? ['Bright copper kettles', 'warm woolen mittens', 'Brown paper packages tied up with strings']

**Array Destructuring 3**

console.log(numbers); // ? [10,30,20]

**ES2015 Refactoring**

**ES2015 Object Destructuring**

const obj = {numbers: { a: 1, b: 2}};

const {a,b} = obj.numbers

**ES2015 One-Line Array Swap with Destructuring**

[arr[0], arr[1]] = [arr[1], arr[0]];

**raceResults()**

const raceResults = ([*first*, *second*, *third*, ...*rest*]) => ({

first,

second,

third,

rest,

});