### Note: answers are in bold.

### **Object Destructuring 1**

What does the following code return/print?

let facts = {numPlanets: 8, yearNeptuneDiscovered: 1846};

let {numPlanets, yearNeptuneDiscovered} = facts;

console.log(numPlanets); // **8**

console.log(yearNeptuneDiscovered); // **1846**

### **Object Destructuring 2**

What does the following code return/print?

let planetFacts = {

numPlanets: 8,

yearNeptuneDiscovered: 1846,

yearMarsDiscovered: 1659

};

let {numPlanets, ...discoveryYears} = planetFacts;

console.log(discoveryYears);

**//{yearNeptuneDiscovered: 1846,yearMarsDiscovered: 1659}**

### **Object Destructuring 3**

What does the following code return/print?

function getUserData({firstName, favoriteColor="green"}){

return `Your name is ${firstName} and you like ${favoriteColor}`;

}

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**

What does the following code return/print?

let [first, second, third] = ["Maya", "Marisa", "Chi"];

console.log(first); // **Maya**

console.log(second); // **Marisa**

console.log(third); // **Chi**

### **Array Destructuring 2**

What does the following code return/print?

let [raindrops, whiskers, ...aFewOfMyFavoriteThings] = [

"Raindrops on roses",

"whiskers on kittens",

"Bright copper kettles",

"warm woolen mittens",

"Brown paper packages tied up with strings"

]

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**

What does the following code return/print?

let numbers = [10, 20, 30];

[numbers[1], numbers[2]] = [numbers[2], numbers[1]]

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