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**Section: j**

**Subject: web programming**

**Task 1**

// Create a new empty array literal and assign it to the variable clothes

let clothes = [];

//  Add 5 of your favorite items of clothing using the push() method

clothes.push("T-shirt");

clothes.push("Jeans");

clothes.push("Hoodie");

clothes.push("Jacket");

clothes.push("Sneakers");

//  Remove the fifth piece of clothing from the array using the pop() method

clothes.pop();

// Add a new piece of clothing using the push() method

clothes.push("Cap");

//  Show the third item from the clothes array in the console

console.log("Third item in the clothes array:", clothes[2]);

// Show the entire array to confirm changes

console.log("Final clothes array:", clothes);

**output:**

Third item in the clothes array: Hoodie

Final clothes array: (5) ['T-shirt', 'Jeans', 'Hoodie', 'Jacket', 'Cap']

**Task 2**

// Create a new empty object literal and assign it to the variable favCar

let favCar = {};

// Using dot notation, assign a color property to favCar

favCar.color = "Blue";  // You can choose any color you like

// Using dot notation, assign a convertible property to favCar

favCar.convertible = true;  // true means it's a convertible

// Use console.log to log the entire favCar object

console.log(favCar);

**output:**

{color: 'Blue', convertible: true}