

### Question #3 (Medium)

#### **Description:**

Write a JavaScript function named `updateEmployeeSalary` that takes three parameters: an array of employee objects, an employee ID, and a new salary value. Each employee object will have the following structure:

```
{
  id: Number,
  name: String,
  position: String,
  salary: Number,
  department: {
    name: String,
    location: String
  }
}
```

The function should update the salary of the employee with the specified ID to the new salary value provided. If the employee ID does not exist in the array, the function should return null. After updating the salary, return the updated employee object.

#### **Starting Code**

```
function updateEmployeeSalary(employees, employeeId, newSalary) {
  // Your code here
}
```

#### **Sample Input**

```
const employees = [
  { id: 1, name: "John Doe", position: "Software Engineer", salary: 70000, department: { name: "Engineering", location: "New York" } },
  { id: 2, name: "Jane Smith", position: "Product Manager", salary: 80000, department: { name: "Product", location: "San Francisco" } }
];
updateEmployeeSalary(employees, 1, 75000);
```

### Sample Output

```
{
  id: 1,
  name: "John Doe",
  position: "Software Engineer",
  salary: 75000,
  department: { name: "Engineering", location: "New York" }
}
```