Sure, here are a few coding problems involving arrays of dictionaries in JavaScript that can be solved using array methods:

Problem 1: Total Age Calculation Given an array of people, where each person is represented as a dictionary with properties "name" and "age", write a function to calculate the total age of all people in the array.

javascript Copy code

```
const people = [
  { name: 'Alice', age: 25 },
  { name: 'Bob', age: 30 },
  { name: 'Carol', age: 22 }
];

function calculateTotalAge(people) {
  // Your code here
}

console.log(calculateTotalAge(people)); // Expected output: 77
```

Problem 2: Filter Users by Age Given an array of user objects, each containing "name" and "age", write a function that filters out users who are under a certain age.

javascript Copy code

```
const users = [
  { name: 'Eve', age: 28 },
  { name: 'Frank', age: 35 },
  { name: 'Grace', age: 20 },
  { name: 'Henry', age: 42 }
];

function filterUsersByAge(users, minAge) {
  // Your code here
}

console.log(filterUsersByAge(users, 30));
// Expected output: [{ name: 'Frank', age: 35 }, { name: 'Henry', age: 42 }]
```

Problem 3: Find Average Grade Given an array of student objects, each containing "name" and "grades" (an array of numbers), write a function to find the average grade for a specific student.

javascript Copy code

```
const students = [
  { name: 'Irene', grades: [85, 90, 78, 92] },
  { name: 'Jack', grades: [70, 88, 95, 82] },
  { name: 'Kate', grades: [92, 89, 76, 98] }
];

function findAverageGrade(students, studentName) {
  // Your code here
}

console.log(findAverageGrade(students, 'Jack')); // Expected output: 83.75
```

Problem 4: Find Max Salary Given an array of employee dictionaries, each containing "name" and "salary", write a function to find the employee with the highest salary.

javascript Copy code

```
const employees = [
  { name: 'Linda', salary: 60000 },
  { name: 'Mike', salary: 75000 },
```

```
  { name: 'Nina', salary: 82000 },
  { name: 'Oscar', salary: 68000 }
];

function findMaxSalaryEmployee(employees) {
  // Your code here
}

console.log(findMaxSalaryEmployee(employees)); // Expected output: { name: 'Nina', salary: 82000 }
```

Remember, each of these problems can be solved using JavaScript array methods like `map`, `filter`, `reduce`, `find`, and `findIndex`. Happy coding!