```javascript
1.function getKeysArray(arrayOfObjects) {
    let keysArray = [];
    for (let obj of arrayOfObjects) {
        let keys = [];
        for (let key in obj) {
            keys.push(key);
        }
        keysArray.push(keys);
    }
    return keysArray;
}


let input1 = [{ a: 1, b: 2 }, { c: 3, d: 4 }, { e: 5, f: 6 }];
console.log(getKeysArray(input1));


output:- [ [ 'a', 'b' ], [ 'c', 'd' ], [ 'e', 'f' ] ]


2.function getValuesArray(arrayOfObjects) {
    let valuesArray = [];
    for (let obj of arrayOfObjects) {
        let values = [];
        for (let key in obj) {
            values.push(obj[key]);
        }
        valuesArray.push(values);
    }
    return valuesArray;
}
let input2 = [{ a: 1, b: 2 }, { c: 3, d: 4 }, { e: 5, f: 6 }];
console.log(getValuesArray(input2));
output:- [ [ 1, 2 ], [ 3, 4 ], [ 5, 6 ] ]
```

```
3.function filterObjectsByProperty(arrayOfObjects, property) {

    let filteredArray = [];

    for (let obj of arrayOfObjects) {

        if (obj.hasOwnProperty(property)) {

            filteredArray.push(obj);

        }

    }

    return filteredArray;

}


let input3 = [{ a: 1 }, { b: 2 }, { a: 3, b: 4 }];

console.log(filterObjectsByProperty(input3, 'a'));


output:- [ { a: 1 }, { a: 3, b: 4 } ]
```

```
4. function sortObjectsByProperty(arrayOfObjects, property) {

    arrayOfObjects.sort((a, b) => a[property] - b[property]);

    return arrayOfObjects;

}
let input4 = [{ a: 2 }, { a: 1 }, { a: 3 }];

console.log(sortObjectsByProperty(input4, 'a'));


Output:- [ { a: 1 }, { a: 2 }, { a: 3 } ]
```

```javascript
5. function mergeObjectsProperties(arrayOfObjects) {

    let mergedObject = {};

    for (let obj of arrayOfObjects) {

        for (let key in obj) {

            mergedObject[key] = obj[key];

        }

    }

    return mergedObject;

}


let input5 = [{ a: 1 }, { b: 2 }, { c: 3 }];

console.log(mergeObjectsProperties(input5));


output:- { a: 1, b: 2, c: 3 }
```