Index.html


```html
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7      <title>Aula</title>
8    </head>
9    <body>
10     <h1>Dados de entrada</h1>
11     <textarea id="grossSalaryInput" cols="10" rows="10" style="font-size: 24px">
12 Joaquim
13 4000.00</textarea
14     >
15
16
17     <script type="module" src="js/main.js"></script>
18   </body>
19 </html>
20
```
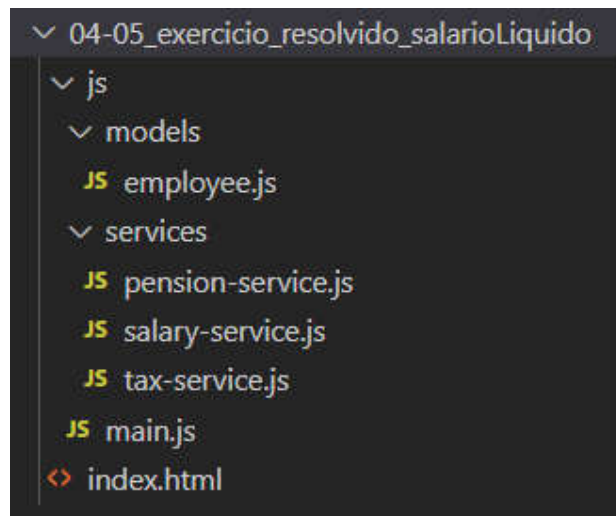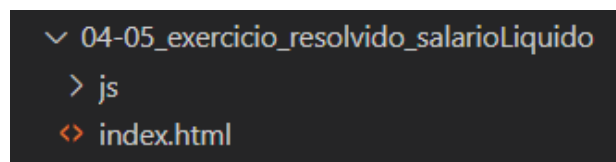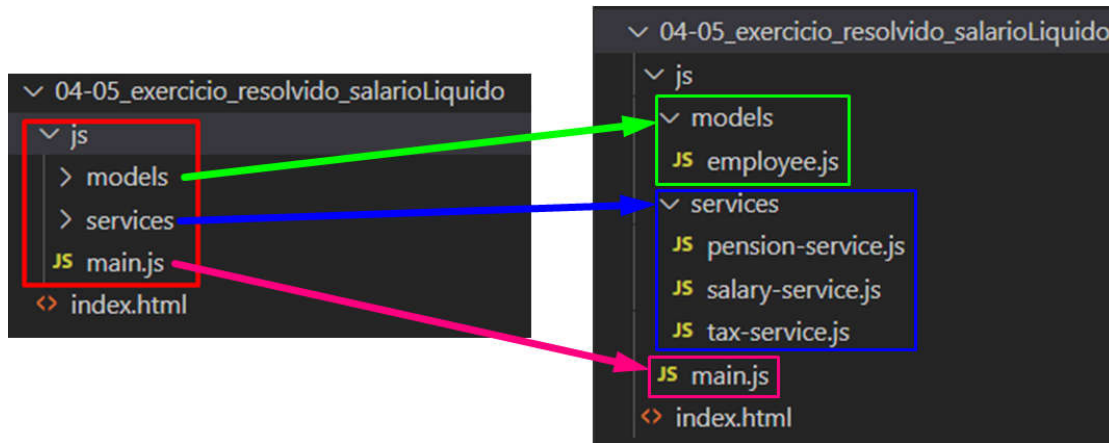
Módulos JS


```
                                        js/models/employee.js
1 export default function Employee(name, grossSalary){
2     this.name = name;
3     this.grossSalary = grossSalary;
4 }
```

```
                                        js/services/pension-service.js
1 export function discount(amount){
2     return amount * 0.1;
3 }
```

```
                                        js/service/tax-service.js
1 export function tax(amount){
2     return amount * 0.2;
3 }
```

```
                                        js/service/salary-service.js
1 import * as taxService from './tax-service.js';
2 import * as pensionService from './pension-service.js'
3
4
5 export function netSalary(employee){
6
7     const tax = taxService.tax(employee.grossSalary);
8     const pension = pensionService.discount(employee.grossSalary)
9
10    return employee.grossSalary - tax - pension;
11 }
```

```
                                        js/main.js
1 import * as salaryService from "./services/salary-service.js";
2 import Employee from "./models/employee.js";
3
4 const data = document.getElementById("grossSalaryInput").innerHTML.split("\n");
5
6 const employee = new Employee(data[0], Number(data[1]));
7
8 const netSalary = salaryService.netSalary(employee);
9
10
11 console.log(`Funcionário =  ${employee.name}`);
12 console.log(`Salário bruto = ${employee.grossSalary.toFixed(2)}`);
13 console.log(`Salário líguido = ${netSalary.toFixed(2)}`);
```