

→ Functional Chaining

• Allow you to call → multiple → functions
Non → same object → in Single State ment

Code
Concise Readable
Eg: 1

Modified object
↑
get morning

Some way

Function modifying object

Each

With

FileEditSelectionViewGo

JavaScriptPrograms

78°F
Light rain

DEVELOPER

runChain.html X

OPEN EDITORS

JAVASCRIPTPROGRAMS

JS_AsyncronousProgramming

JS_Cat_Apply_Bind.html

JS_Callbacks

JS_Closures

JS_DataTypes

JS_Destructuring

JS_Errors_Intro

JS_EventLoop

JS_Events

JS_FirstClassFunctions_And_HigherOrderF...

JS_FunctionalChaining

runChain.html

JS_FunctionCurrying

JS_Functions

JS_Oops

JS_Operators

JS_OptionalChaining

JS_Output

JS_RegularExpressions

JS_RestOperator

JS_SpreadOperator

JS_Statement

JS_ThisKeyword

JS_Variables

JS_VariablesTypes

JS_WebSockets

JS_WhereTo

OUTLINE

TIMELINE

JS_FunctionalChaining > > runChain.html > > html > > body > > script > > person

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Functional Chaining</title>
5   </head>
6   <body>
7     <p></p>
8     <script>
9       let p = document.querySelector("p");
10
11       //Derive an Object with initial properties
12       let person = {
13         firstName: "Alice",
14         lastName: "Hunter",
15         age: 30,
16         id: 1234,
17
18         //Method to set the first name
19         setFirstName: function(firstName){
20           this.firstName = firstName;
21           console.log(this);
22           return this; // Return an object itself for chaining
23         },
24
25         //Method to set the last name
26         setLastName: function(lastName){
27           this.lastName = lastName;
28           console.log(this);
29           return this; // Return an object itself for chaining
30         },
31
32         //Method to set the age
33         setAge: function(age){
34           this.age = age;
35           console.log(this);
36           return this; // Return an object itself for chaining
37         },
38
39         //Method to display person's information
40         displayInfo: function(){
41           console.log(this);
42           p.innerHTML = `Name : ${this.firstName} ${this.lastName}, Age: ${this.age}`;
43           return this; // Return an object itself for chaining
44         }
45       };
46
47       //Chain methods calls to modify and display's person's information.
48       console.log(person.setFirstName("Aliza").setLastName("Umaru").setAge(24).displayInfo());
49
50     </script>
51   </body>
52 </html>
```

LA 19, CW 27

Spans: 4

1/11-B

CN1

HTML

Font: 1500

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5/21/2024