

EX1

```
1 // Exercise 1.1
2
3 var today = new Date();
4 var day = today.getDay();
5 var daylist = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];
6 var hour = today.getHours();
7 var min = today.getMinutes();
8 var second = today.getSeconds();
9
10 var suffix = (hour >= 12) ? " PM" : " AM";
11 hour = (hour >= 12) ? hour - 12 : hour;
12
13 if (hour === "0" && suffix === " PM") {
14     if (min === "0" && sec === "0") {
15         hour = 12;
16         suffix = " Noon";
17     }
18 } else if (hour === "0" && suffix === " AM") {
19     if (min === "0" && sec === "0") {
20         hour = 12;
21         suffix = " Midnight";
22     }
23 }
24 var todayHTML = document.getElementById("todayHTML");
25 var timeHTML = document.getElementById("timeHTML");
26
27 todayHTML.innerHTML = "Today is : " + daylist[day] + ".";
28 timeHTML.innerHTML = "Current time is : " + hour + suffix + " : " + min + " : " + second;
```

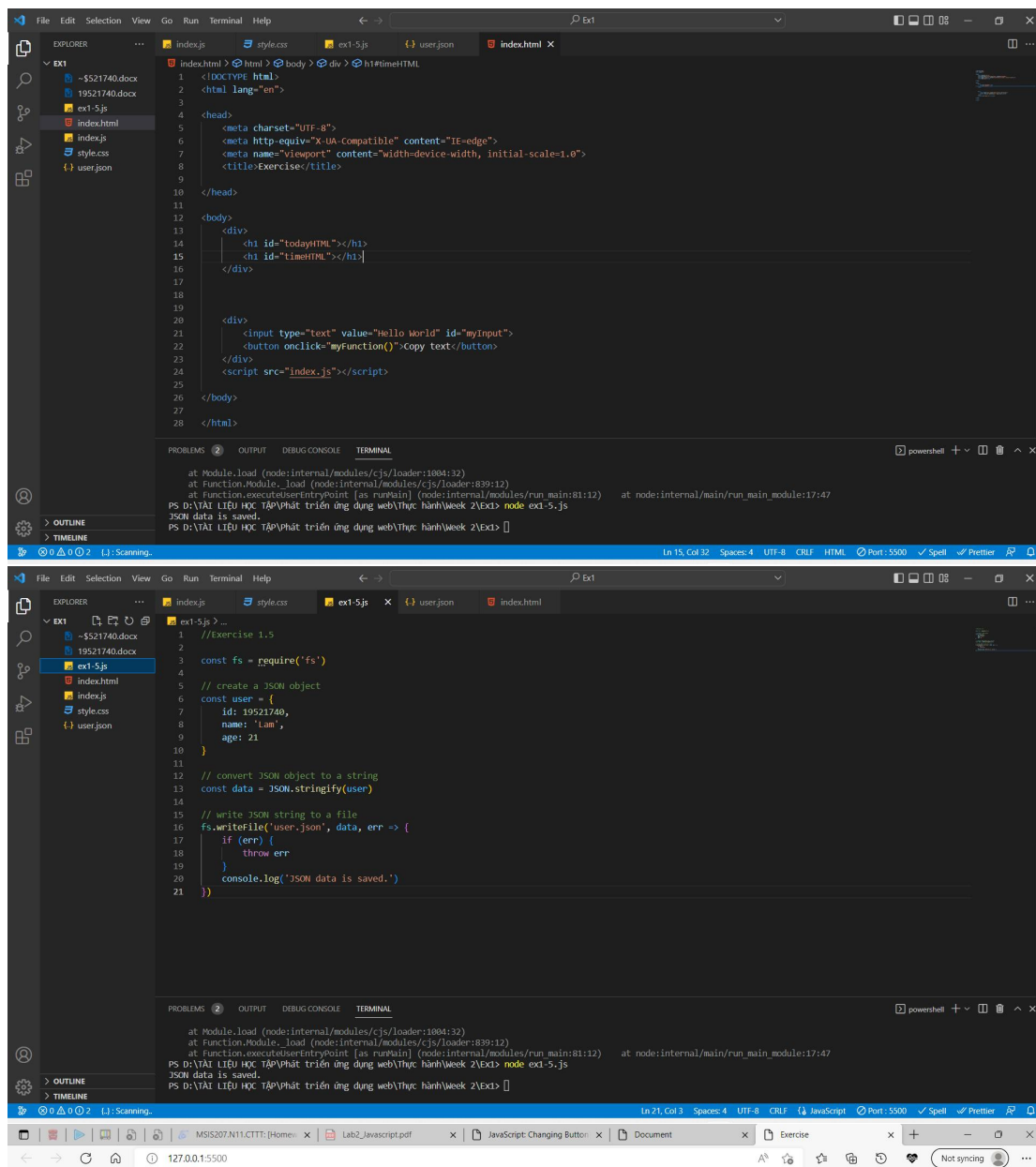
at Module.load (node:internal/modules/cjs/loader:1084:32)
at Function.Module._load (node:internal/modules/cjs/loader:839:12)
at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:81:12) at node:internal/main/run_main_module:17:47
PS D:\TAI LIEU HOC TAP\Phat trien ung dung web\Thuc hành\Week 2\Ex1> node ex1-5.js
JSON data is saved.
PS D:\TAI LIEU HOC TAP\Phat trien ung dung web\Thuc hành\Week 2\Ex1> |

```
31 // Exercise 1.2
32
33 function myFunction() {
34     // Get the text field
35     var copyText = document.getElementById("myInput");
36
37     // Select the text field
38     copyText.select();
39     copyText.setSelectionRange(0, 99999); // For mobile devices
40
41     // Copy the text inside the text field
42     navigator.clipboard.writeText(copyText.value);
43
44     // Alert the copied text
45     alert("Copied the text: " + copyText.value);
46 }
47
48 //Exercise 1.3
49
50 fetch('https://httpbin.org/cookies', {
51     headers: {
52         Cookie: 'xxx-yyy'
53     }
54 }).then(response => response.json())
55 .then(data => console.log(JSON.stringify(data, null, 2)));
56
57 //Exercise 1.4
58
59 var checkValidJson = str => {
60     try {
61         JSON.parse(str);
62         return true;
63     } catch (e) {
64         return false;
65     }
66 };
67 console.log(checkValidJson('{"name":"Lam","age":21}'));
68 console.log(checkValidJson('{"name":"Lam","age":21}'));
69 console.log(checkValidJson(null));
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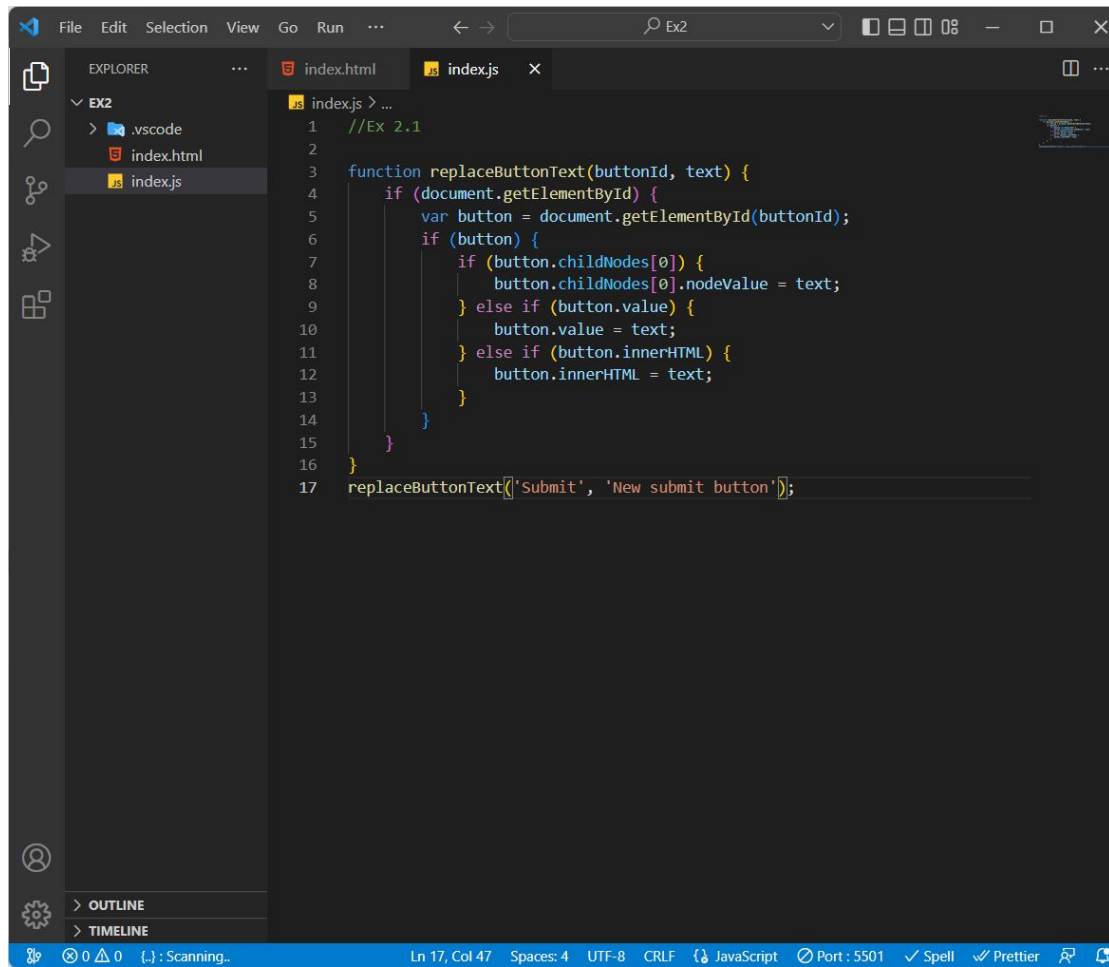


Today is : Saturday.

Current time is : 11 AM : 1 : 48

Hello World

EX2:



The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. The Explorer sidebar on the left shows a project named 'EX2' with files '.vscode', 'index.html', and 'index.js'. The 'index.js' file is open in the editor. The code in the file is as follows:

```
1 //Ex 2.1
2
3 function replaceButtonText(buttonId, text) {
4     if (document.getElementById) {
5         var button = document.getElementById(buttonId);
6         if (button) {
7             if (button.childNodes[0]) {
8                 button.childNodes[0].nodeValue = text;
9             } else if (button.value) {
10                 button.value = text;
11             } else if (button.innerHTML) {
12                 button.innerHTML = text;
13             }
14         }
15     }
16 }
17 replaceButtonText('Submit', 'New submit button');
```

The status bar at the bottom indicates the current position is Line 17, Column 47. It also shows settings for Spaces: 4, UTF-8 encoding, CRLF line endings, and the active language is JavaScript. Other status bar items include Port: 5501, Spell check, and Prettier formatting.