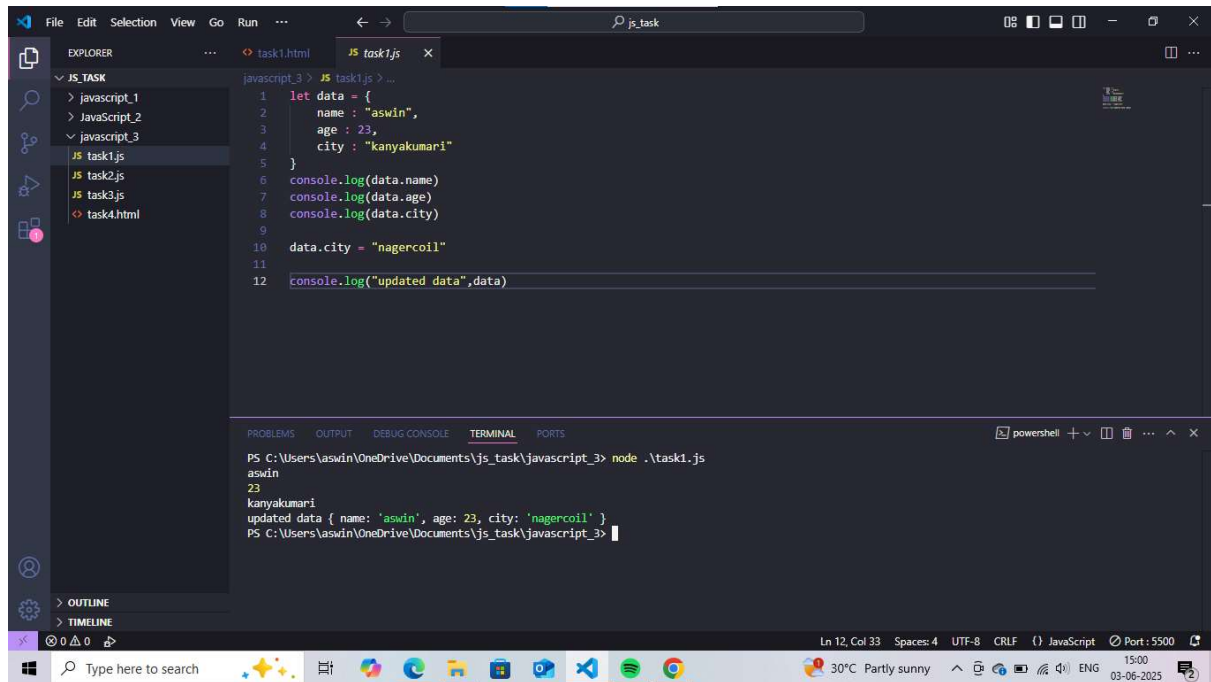


Task 1



```
File Edit Selection View Go Run ... js_task
```

EXPLORER

- JS_TASK
 - javascript_1
 - JavaScript_2
 - javascript_3
 - JS task1.js
 - JS task2.js
 - JS task3.js
 - task4.html

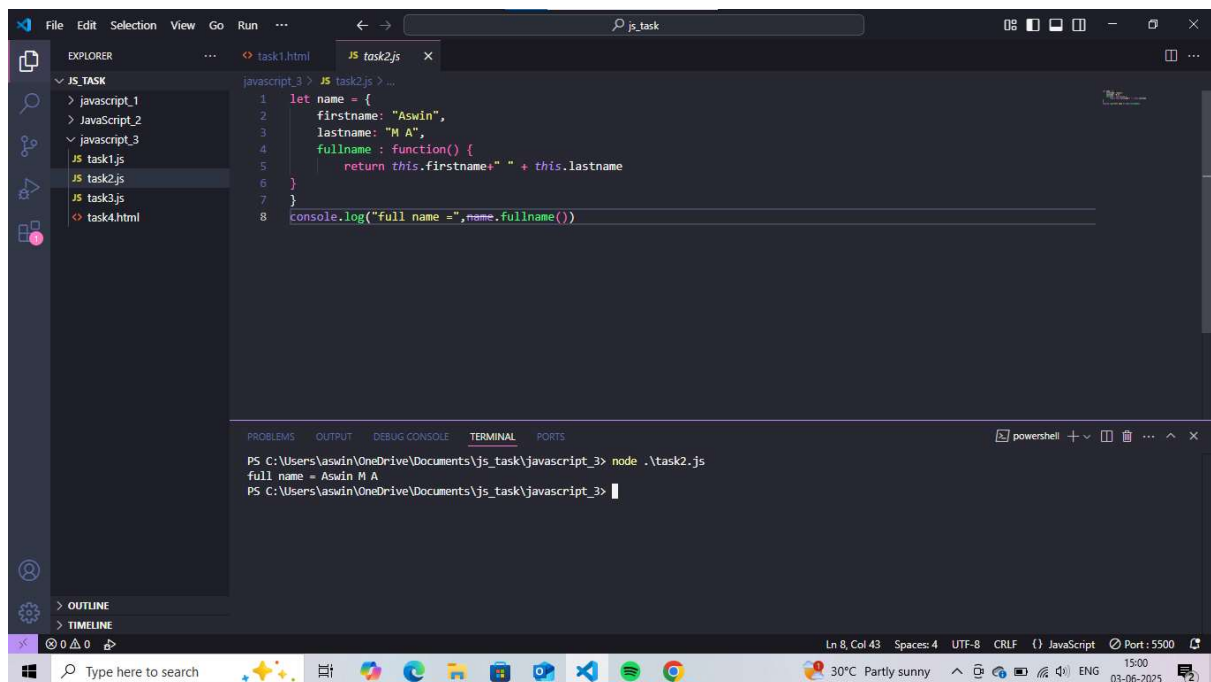
```
javascript_3 > JS task1.js > ...
1 let data = {
2   name : "aswin",
3   age : 23,
4   city : "kanyakumari"
5 }
6 console.log(data.name)
7 console.log(data.age)
8 console.log(data.city)
9
10 data.city = "nagercoil"
11
12 console.log("updated data",data)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3> node .\task1.js
aswin
23
kanyakumari
updated data { name: 'aswin', age: 23, city: 'nagercoil' }
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3>
```

Ln 12, Col 33 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500

Task 2



```
File Edit Selection View Go Run ... js_task
```

EXPLORER

- JS_TASK
 - javascript_1
 - JavaScript_2
 - javascript_3
 - JS task1.js
 - JS task2.js
 - JS task3.js
 - task4.html

```
javascript_3 > JS task2.js > ...
1 let name = {
2   firstname: "Aswin",
3   lastname: "M A",
4   fullname: function() {
5     return this.firstname+" " + this.lastname
6   }
7 }
8 console.log("full name =",name.fullname())
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3> node .\task2.js
full name = Aswin M A
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3>
```

Ln 8, Col 43 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500

Task 3

The screenshot shows the Visual Studio Code editor interface. The Explorer pane on the left displays a file structure for a project named 'JS_TASK', containing files like 'javascript_1', 'javascript_2', 'javascript_3', 'task1.js', 'task2.js', 'task3.js', and 'task4.html'. The main editor area shows the content of 'task3.js', which is a JavaScript script that defines a JSON string, parses it into an object, and logs the object's properties to the console. The script is as follows:

```
1 let jsonString = `{
2   "name": "aswin",
3   "email": "aswinma14@gmail.com",
4   "skills": ["html", "css", "js", "python"]
5 `;
6
7 let object = JSON.parse(jsonString);
8
9 console.log("name :", object.name);
10 console.log("email :", object.email);
11 console.log("skills :", object.skills.join(', '));
12
13
```

The bottom panel of the editor shows the 'TERMINAL' output, which displays the results of running the script using Node.js:

```
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3> node .\task3.js
name : aswin
email : aswinma14@gmail.com
skills : html, css, js, python
PS C:\Users\aswin\OneDrive\Documents\js_task\javascript_3>
```

Task 4

