

The screenshot shows the VS Code editor with the Explorer sidebar on the left. The file explorer shows a project structure with folders like 'python', 'addpython', 'oopconcept', 'filehandling', 'json', 'filetojson', 'data.py', 'data.txt', 'readjson', 'data.json', 'mysql', 'tasks', 'add python.txt', 'python.txt', 'web designing', 'css task', 'html task', 'js_for_ui_task', 'task1', 'task1.html', 'task1output.pdf', 'task2', 'task 2 output.pdf', 'task2.html', 'task3', 'task3.html', and 'task3.js'. The main editor window displays the content of 'task1.js'. The code defines an object 'obj' with properties 'name', 'age', 'city', and 'hobbies'. It then logs the object's details to the console. The terminal at the bottom shows the command 'node task1' being executed, and the output matches the console logs in the code.

```
1 // task 1
2
3
4 let obj={
5     name: "abi",
6     age: 30,
7     city: "New York",
8     hobbies: ["reading", "traveling", "swimming"]
9 }
10
11
12 console.log("name:", obj.name);
13 console.log("age:", obj.age);
14 console.log("city:", obj.city);
15
16 obj.city = "Los Angeles";
17 console.log("Updated city:", obj.city);
18
19
20
21
22 // task2
23
24
25
26 // let name={
27 //     ...firstname: "abi",
28 //     ...lastname: "raj",
29 // }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\karka\web designing\js_for_ui_task\task3> node task1
name: abi
age: 30
city: New York
Updated city: Los Angeles
PS D:\karka\web designing\js_for_ui_task\task3>

The screenshot shows the VS Code editor with the Explorer sidebar on the left. The file explorer shows the same project structure as the first screenshot. The main editor window displays the content of 'task3.js'. The code defines an object 'name' with properties 'firstname', 'lastname', and 'age'. It then defines a function 'fullname' that returns the full name. The terminal at the bottom shows the command 'node task3' being executed, and the output matches the console logs in the code.

```
16 obj.city = "Los Angeles";
17 console.log("Updated city:", obj.city);
18
19
20
21
22 // task2
23
24
25
26
27 let name={
28     firstname: "abi",
29     lastname: "raj",
30     age: 30,
31     fullname: function() {
32         return this.firstname + " " + this.lastname;
33     }
34 }
35 console.log("Full Name:", name.fullname());
36
37
38 // task3
39
40
41
42 // let data={
43 //     ...firstname: "abi",
44 //     ...lastname: "raj",
45 // }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\karka\web designing\js_for_ui_task\task3> node task3
name: abi
age: 30
city: New York
Updated city: Los Angeles
PS D:\karka\web designing\js_for_ui_task\task3> node task3
name: abi
age: 30
city: New York
Updated city: Los Angeles
Full Name: abi raj
PS D:\karka\web designing\js_for_ui_task\task3>

The screenshot shows the VS Code editor interface. The Explorer sidebar on the left displays a project structure for 'KARKA' with folders like 'python', 'addpython', 'oopconcept', 'filehandling', 'json', 'filetojson', 'data.py', 'data.txt', 'readjson', 'data.json', 'mysql', 'tasks', 'addpython.txt', 'python.txt', 'web designing', 'css task', 'html task', 'js_for_ui_task', 'task1', 'task1.html', 'task1output.pdf', 'task2', 'task2.html', 'task3', 'task3.html', and 'task3.js'. The main editor area shows the content of 'task3.js':

```
web designing > js_for_ui_task > task3 > node task3.js > ...
26 // {
27 //   "name": "abi",
28 //   "age": 30,
29 //   "city": "New York",
30 //   "hobbies": ["reading", "traveling", "swimming"]
31 // }
32 //
33 // console.log("Full Name:", name.fullname());
34 //
35 //
36 //
37 //
38 // task3
39 //
40 //
41 //
42 let data={
43   "name": "abi",
44   "age": 30,
45   "city": "New York",
46   "hobbies": ["reading", "traveling", "swimming"]
47 }
48
49 let jsonData = JSON.parse(data);
50 console.log("name:", jsonData.name);
51 console.log("age:", jsonData.age);
52 console.log("city:", jsonData.city);
53
54
```

The terminal at the bottom shows the output of running 'node task3.js':

```
city: New York
Updated city: Los Angeles
PS D:\karka\web designing\js_for_ui_task\task3> node task3
name: abi
age: 30
city: New York
Updated city: Los Angeles
Full Name: abi raj
PS D:\karka\web designing\js_for_ui_task\task3> node task3
name: abi
age: 30
city: New York
PS D:\karka\web designing\js_for_ui_task\task3>
```

