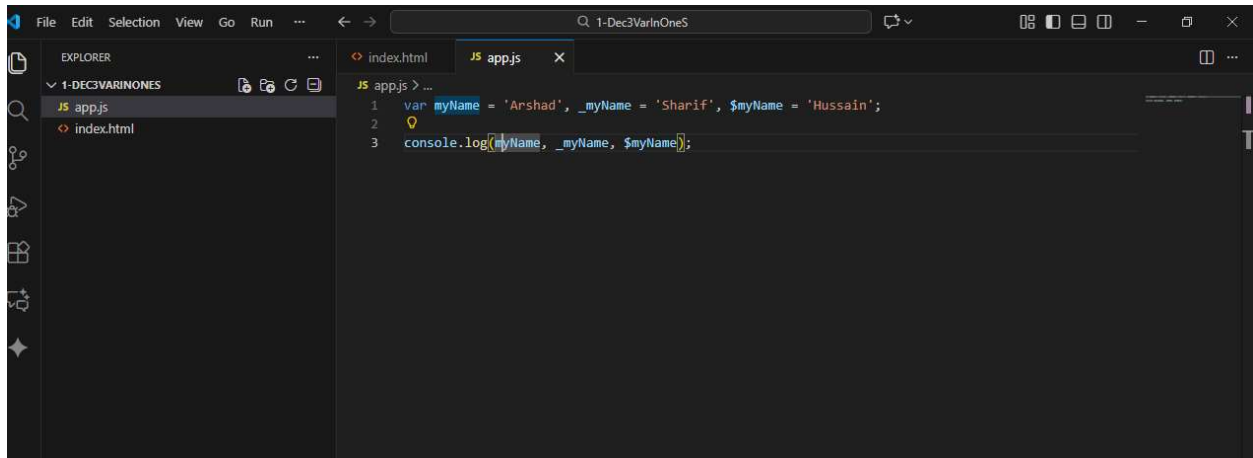
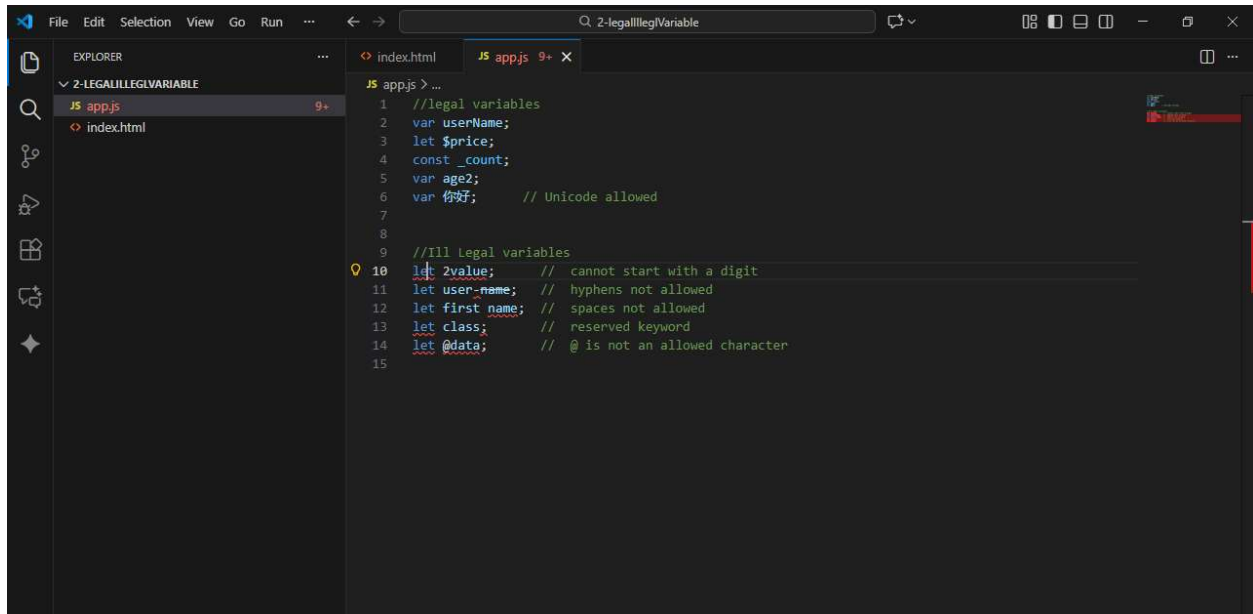


## Chapter 4

### Assignment1

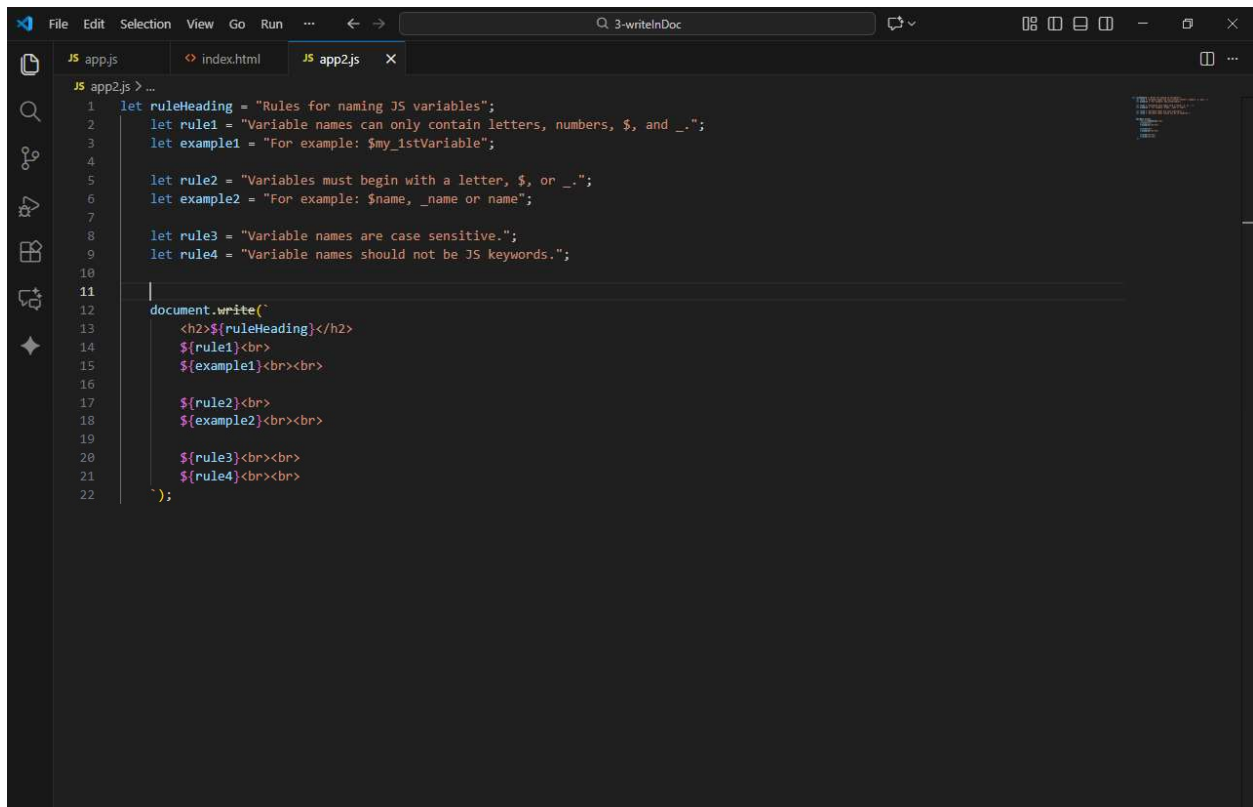


## Assignment2

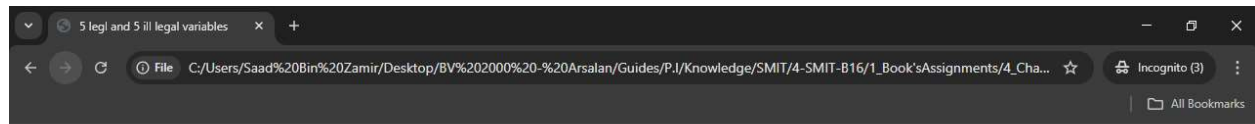


```
1 //legal variables
2 var userName;
3 let $price;
4 const _count;
5 var age2;
6 var 你好; // Unicode allowed
7
8
9 //Ill legal variables
10 let 2value; // cannot start with a digit
11 let user-name; // hyphens not allowed
12 let first name; // spaces not allowed
13 let class; // reserved keyword
14 let @data; // @ is not an allowed character
15
```

## Assignment3



```
1 let ruleHeading = "Rules for naming JS variables";
2 let rule1 = "Variable names can only contain letters, numbers, $, and _.";
3 let example1 = "For example: $my_1stVariable";
4
5 let rule2 = "Variables must begin with a letter, $, or _.";
6 let example2 = "For example: $name, _name or name";
7
8 let rule3 = "Variable names are case sensitive.";
9 let rule4 = "Variable names should not be JS keywords.";
10
11
12 document.write(`
13 <h2>${ruleHeading}</h2>
14 ${rule1}<br>
15 ${example1}<br><br>
16
17 ${rule2}<br>
18 ${example2}<br><br>
19
20 ${rule3}<br><br>
21 ${rule4}<br><br>
22 `);
```



## Rules for naming JS variables

Variable names can only contain letters, numbers, \$, and \_.  
For example: \$my\_1stVariable

Variables must begin with a letter, \$, or \_.  
For example: \$name, \_name or name

Variable names are case sensitive.

Variable names should not be JS keywords.