

Modules



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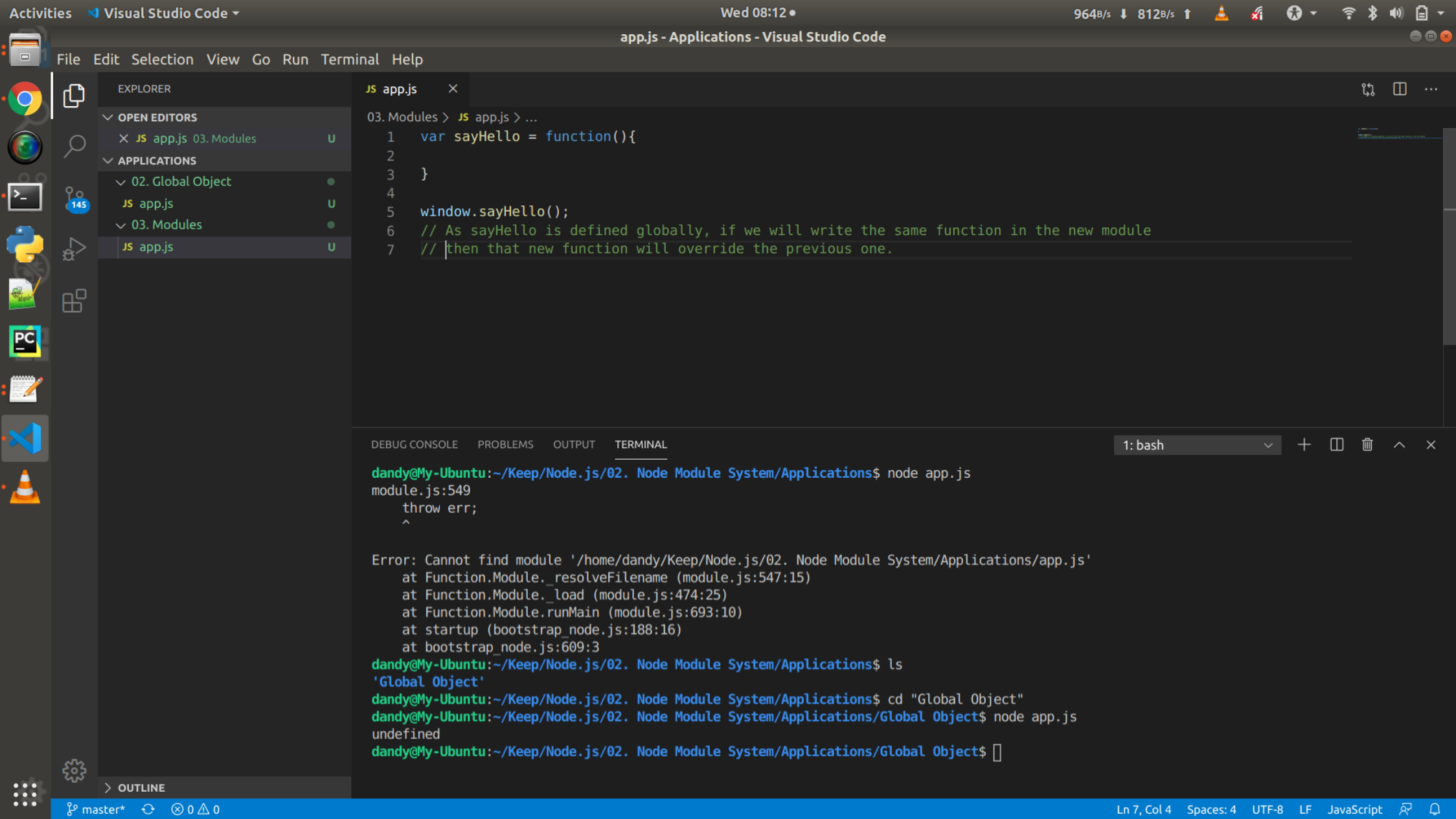


JS app.js



```
1  
2 var sayHello = function() {  
3  
4 }  
5  
6 window.sayHello();
```





Module 1



Module 2

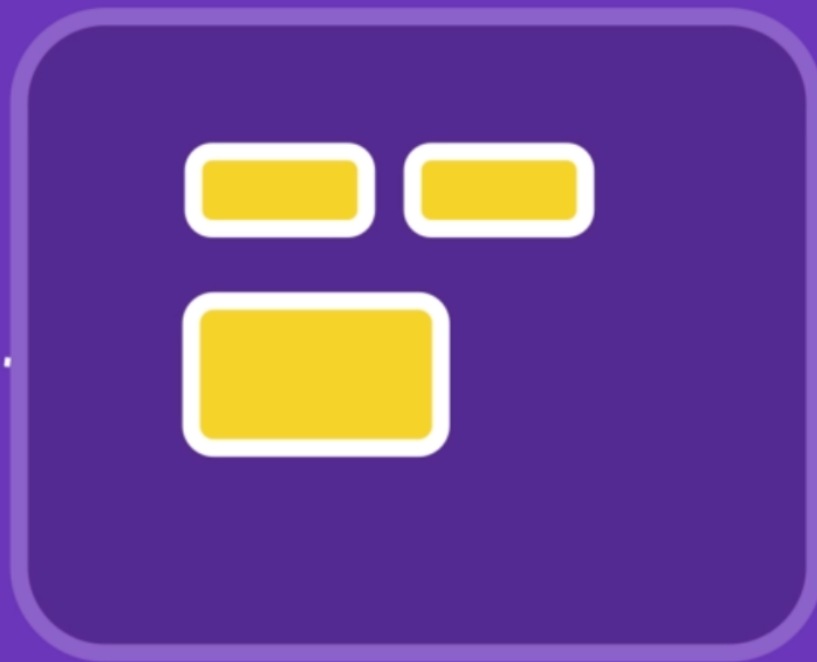


Module 3



app.js

MODULE



```
first-app $  
first-app $node app.js  
Module {  
  id: '.',  
  exports: {},  
  parent: null,  
  filename: '/Users/moshfeghhamedani/Desktop/node-course/first-app/app.js',  
  loaded: false,  
  children: [],  
  paths:  
    [ '/Users/moshfeghhamedani/Desktop/node-course/first-app/node_modules',  
      '/Users/moshfeghhamedani/Desktop/node-course/node_modules',  
      '/Users/moshfeghhamedani/Desktop/node_modules',  
      '/Users/moshfeghhamedani/node_modules',  
      '/Users/node_modules',  
      '/node_modules' ] }  
first-app $
```

ActivitiesVisual Studio Code

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app.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

02. Global Object

03. Modules

JS app.js 03. Modules

JS app.js

JS app.js

JS app.js

03. Modules > JS app.js

```
1 // var sayHello = function(){
2
3 // }
4
5 // window.sayHello();
6 // // As sayHello is defined globally, if we will write the same function in the new module
7 // // then that new function will override the previous one. So avoid defining the function in global scope.
8
9 console.log(module);
10 // It appears to be a global object but actually it is not.
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

1: bash

```
dandy@My-Ubuntu:~/Keep/Node.js/02. Node Module System/Applications/03. Modules$ node app.js
Module {
  id: '.',
  exports: {},
  parent: null,
  filename: '/home/dandy/Keep/Node.js/02. Node Module System/Applications/03. Modules/app.js',
  loaded: false,
  children: [],
  paths:
    [ '/home/dandy/Keep/Node.js/02. Node Module System/Applications/03. Modules/node_modules',
      '/home/dandy/Keep/Node.js/02. Node Module System/Applications/node_modules',
      '/home/dandy/Keep/Node.js/02. Node Module System/node_modules',
      '/home/dandy/Keep/Node.js/node_modules',
      '/home/dandy/Keep/node_modules',
      '/home/dandy/node_modules',
      '/home/node_modules',
      '/node_modules' ] }
```

OUTLINE

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