



Experiments 08

Node.js

Open Source SW Development
CSE22300

Assignment 0

- <http://khuhub.khu.ac.kr/Prof.JinSeongwook/OSS>
 - Experiments/experiments08
- **Tutorial**
 - Event01
 - Event02
 - mymodule

Assignment 1

- **Create Modules**
 - **module.exports**
 - https://nodejs.org/api/modules.html#modules_modules
- **mymodule.js**
 - **add (a,b) : return a+b**
 - **sub (a, b) : return a-b**
- **app.js**
 - **creates mymodule**
 - **call add, sub function with mymodule**

Assignment 2

- **Producer and Consumer Problem**
 - https://en.wikipedia.org/wiki/Producer%E2%80%93consumer_problem
- **Implement Producer/Consumer with Event**
 - Generate random strings (producer)
 - Delivery random strings (event)
 - Prints delivered random strings (consumer)
- **Hint**
 - inherits
 - prototype

Assignment 3

- **Find files**
 - Use fs module
 - find files or directories including 'test' strings in its name