**Exporting Custom Module**

In the last previous chapters, we’ve look to the variables and functions that are globally available.

One of those functions are require() function. Require function is common JS module pattern. But only represents half of the pattern. The half that load the modules. The other half of the pattern is **module.exports** or the mechanism by which we make our modules consumable.

So we can break our code into separate files called modules. All of the variables in each file are scoped to that module. Everything that we’re going to export can be consumed by a different file.

Modules make our code reusable and consumable because we can publish our modules to NPM and share them with the rest of the community.

Ex:

**Code in myModules.js**

letcount=0;

const *inc* =()=>++count,

*dec* =()=>--count,

*getCount* =()=>count;

module*.*exports = {

    anything: true,

    who: "Bill",

    count,

    inc,

    dec,

    getCount

}

**Exporting Code of myModules.js to app.js**

//*1st way of importing myModules.js*

/\*

*const myModule = require("./myModules");*

*console.log(myModule.anything);*

*console.log(myModule.inc());*

\*/

// *Another way of importing myModules.js*

const{ *inc*, *dec*, *getCount* }= *require*("./myModules");

// *Now we can call the functions in few different times.*

*inc*();

*inc*();

*inc*();

*console.log*(`the count is ${*getCount*()}`);