

26-11-2021

1) Path

2) Import + Exporting (create your own module)

3) npm — node package Manager (module download)
(External)

④ File System Organizer (mini Project) (Tomorrow)

Philosophy → To create you should know x
Create and then know.

Project → cli Resume

path.js x — PATH — x x — Module — x

const path = require('path')

① let ext = path.extname('D:\Dev\NodeModules\fl.txt')
console.log(ext) → .txt

* extname('.') is a function that will get the extension from the path of a file.

② let basename = path.basename('D:\Dev\NodeModules\fl.txt')
console.log(basename) → fl.txt

③ console.log(__dirname) → D:\Dev\NodeModules
जिस directory में आप होंगे उसी directory का path मिल जाएगा;

④ console.log(__filename) → D:\Dev\NodeModules\path.js
(at present आप जिस file में होंगे इसका path मिलेगा)

Module

↳ Import Export

↳ calculator.js

Page No. _____

Date _____

```
function add(a,b) {  
  console.log(a+b)  
}
```

```
function subtract(a,b) {  
  console.log(a-b)  
}
```

```
function multiplication(a,b) {  
  console.log(a*b)  
}
```

```
function div(a,b) {  
  console.log(a/b)  
}
```

terminal,

node calculator.js

/*

```
add(2,3)  
subtract(5,4)  
multiplication(5,4)  
div(5,4) */
```

Export

/* */

```
moduleul.exports = {
```

addition : add,

subtract : subtract,

multiply : multiplication,

division : div.

```
}
```


(import) → moduleTest.js
const CalculatorModule = require('./calculator.js')

Page No.	
Date	

calculatorModule.addition(2, 3)

node moduleTest.js

→ 5

calculatorModule.subtract(2, 3)

calculatorModule.multiplication(2, 3)

calculatorModule.div(10, 5)

Modularity :- (एक ही project 1 file में नहीं करना
बल्कि इसे अलग अलग करके काम करना)
(*)

module.exports → is a method provided by Node.js by
the which you can export functions in key value pair.

You will use your functions with the keys you have
assign to them.

NPM

Node Package Manager

(package)

NPM

→ chalk.js

Terminal → npm install chalk

const chalk = require('chalk')

console.log(chalk.blue('Hello world'))

CLI Resume

mini Project

↳ cliResume.js

Late Night Activity (fun)

CLI

Command Line Interface Resume

npm install inquirer

Page No.			
Date			