Install node.js

* var http=require('http')
* http.createServer(function(req,res){
* res.write('Hello world !')
* res.end()
* }).listen(3000)
* Make account in npm
* Then run commands on VScode power shell

PS C:\Users\KASHISH\Desktop\INT222> mkdir kashishcalculator123

Directory: C:\Users\KASHISH\Desktop\INT222

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 18-02-2025 10:40 kashishcalculator123

PS C:\Users\KASHISH\Desktop\INT222> cd kashishcalculator123

PS C:\Users\KASHISH\Desktop\INT222\kashishcalculator123> npm init

This utility will walk you through creating a package.json file.

It only covers the most common items, and tries to guess sensible defaults.

See `npm help init` for definitive documentation on these fields

and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and

save it as a dependency in the package.json file.

Press ^C at any time to quit.

package name: (kashishcalculator123)

version: (1.0.0)

description: calculator

entry point: (index.js)

test command:

git repository:

keywords:

author: choudharykashish387@gmail.com kashish\_211

license: (ISC)

type: (commonjs)

About to write to C:\Users\KASHISH\Desktop\INT222\kashishcalculator123\package.json:

{

"name": "kashishcalculator123",

"version": "1.0.0",

"description": "calculator",

"main": "index.js",

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1"

},

"author": "choudharykashish387@gmail.com kashish\_211",

"license": "ISC",

"type": "commonjs"

}

Is this OK? (yes) yes

PS C:\Users\KASHISH\Desktop\INT222\kashishcalculator123> node test.js

11

PS C:\Users\KASHISH\Desktop\INT222\kashishcalculator123> npm adduser

npm notice Log in on https://registry.npmjs.org/

Create your account at:

https://www.npmjs.com/login?next=/login/cli/cc837460-2d12-40cd-8517-d8b2edffe6db

Press ENTER to open in the browser...

Logged in on https://registry.npmjs.org/.

PS C:\Users\KASHISH\Desktop\INT222\kashishcalculator123> npm publish

npm notice

npm notice 📦 kashishcalculator123@1.0.0

npm notice Tarball Contents

npm notice 102B index.js

npm notice 289B package.json

npm notice 50B test.js

npm notice Tarball Details

npm notice name: kashishcalculator123

npm notice version: 1.0.0

npm notice filename: kashishcalculator123-1.0.0.tgz

npm notice package size: 435 B

npm notice unpacked size: 441 B

npm notice shasum: a21d10385d3446f82d6151b0bb721045ceb9eccd

npm notice integrity: sha512-Lr4XkGK6M9RVt[...]u3QvJl1b0nI0A==

npm notice total files: 3

npm notice

npm notice Publishing to https://registry.npmjs.org/ with tag latest and default access

+ [kashishcalculator123@1.0.0](mailto:kashishcalculator123@1.0.0)

* Index.js
* function add(a,b){
* return a+b
* }
* function sub(a,b){
* return a-b
* }
* module.exports={add,sub}
* Test.js
* var c =require('./index')
* console.log(c.add(5,6))
* Javscript
* Primer.js
* {
* var a=10
* }
* console.log(a)
* {
* let b=10
* }
* console.log(b)
* Error:

PS C:\Users\KASHISH\Desktop\INT222> node primer.js

10

C:\Users\KASHISH\Desktop\INT222\primer.js:8

console.log(b)

^

ReferenceError: b is not defined

* Arrays
* Print and concatenate
* var arr=[10,20,30]
* var arr1=new Array()
* arr1[0]=10
* arr1[1]=20
* console.log(arr)
* console.log(arr.concat(arr1))
* Push and Pop
* arr1.push(200)
* console.log(arr1)
* arr1.pop()
* console.log(arr1)
* Slice
* arr3=[10,20,30,40,50]
* console.log(arr3.slice(2,4))
* Splice
* arr4=[10,20,30,40,50]
* arr4.splice(2,0,25,35)
* Find function
* arr5=[1,23,36,40,50,60]
* var even=arr5.find(function(x){
* return x%2==0
* })
* console.log(even)
* Filter function
* arr5=[1,23,36,40,50,60]
* var even=arr5.filter(function(x){
* return x%2==0
* })
* console.log(even)
* Every and Some function
* arr5=[1,23,36,40,50,60]
* var even=arr5.every(function(x){
* return x%2==0
* })
* console.log(even)
* arr5=[1,23,36,40,50,60]
* var even=arr5.some(function(x){
* return x%2==0
* })
* console.log(even)