

NODEJS BÁSICO NANO 2023

**O nodejs desenvolve o front-end e o back-end
Usando javascript**

Node.js® é um runtime JavaScript desenvolvido com o Chrome's V8 JavaScript engine.

Baixar para Windows (x64)

18.13.0 LTS

Recomendado Para Maioria dos Usuários

19.5.0 Atual

Últimas Funcionalidades

[Outros Downloads](#) | [Changelog](#) | [Documentação da API](#) [Outros Downloads](#) | [Changelog](#) | [Documentação da API](#)

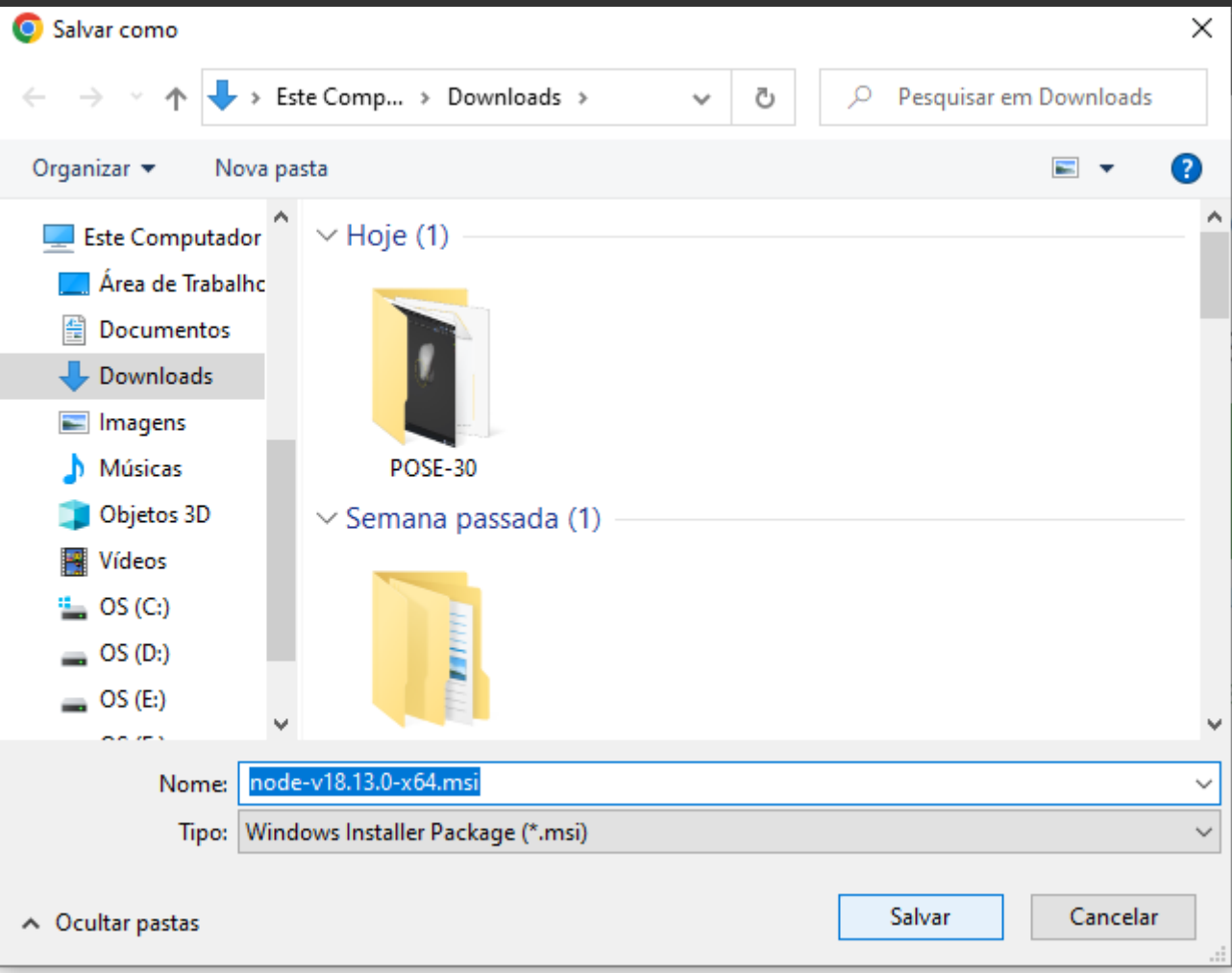
Ou verifique o [Cronograma de versões LTS](#).

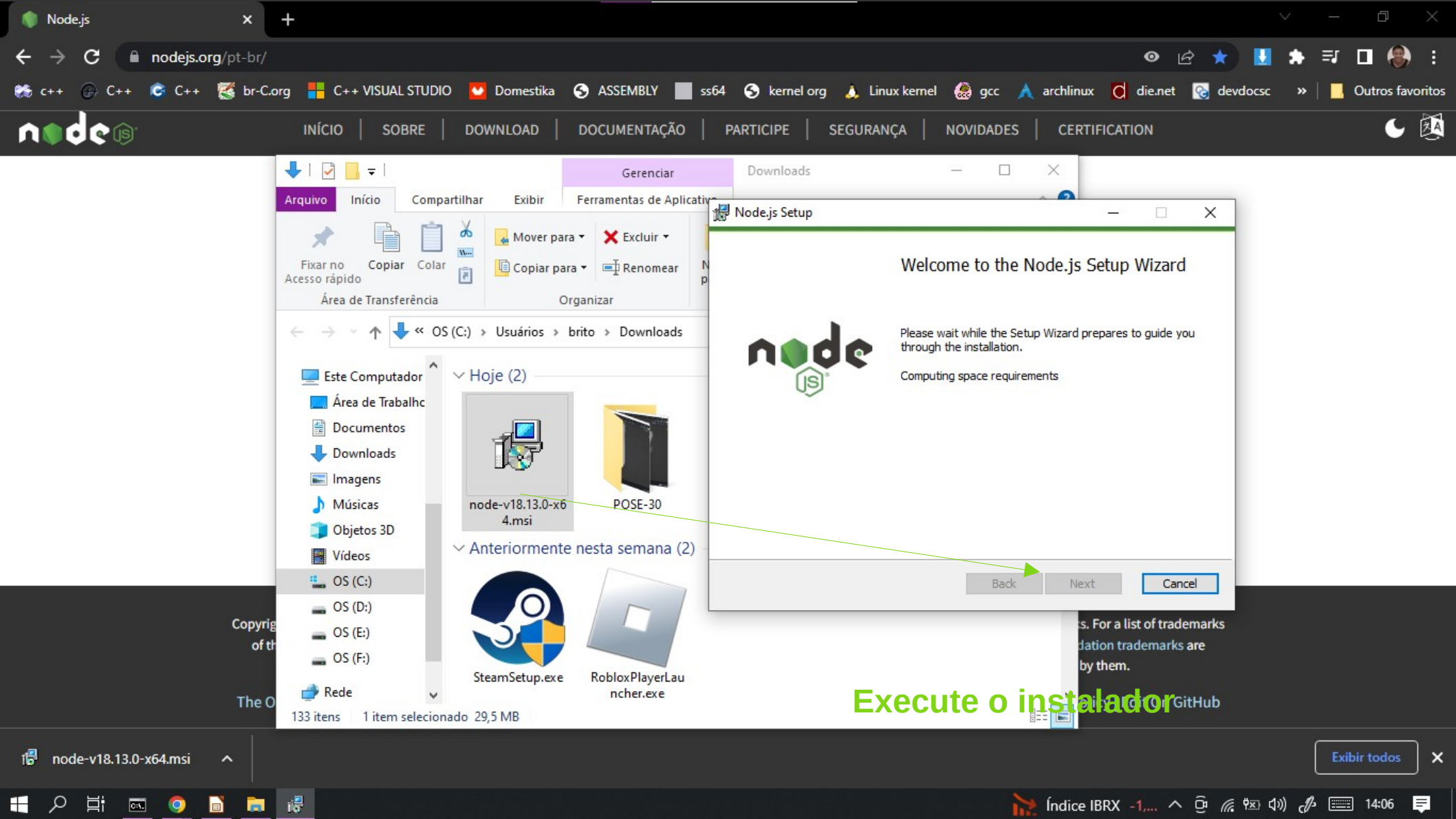
Fazemos o download da versão recomendada

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<https://nodejs.org/dist/v18.13.0/node-v18.13.0-x64.msi>





Gerenciar

Arquivo Início Compartilhar Exibir Ferramentas de Aplicativos

Fixar no Acesso rápido Copiar Colar Mover para Excluir Copiar para Renomear

Área de Transferência Organizar

OS (C:) > Usuários > brito > Downloads

Este Computador

- Área de Trabalho
- Documentos
- Downloads
- Imagens
- Músicas
- Objetos 3D
- Vídeos
- OS (C:)
- OS (D:)
- OS (E:)
- OS (F:)
- Rede

Hoje (2)

- node-v18.13.0-x64.msi
- POSE-30

Anteriormente nesta semana (2)

- SteamSetup.exe
- RobloxPlayerLauncher.exe

133 itens 1 item selecionado 29,5 MB

Node.js Setup

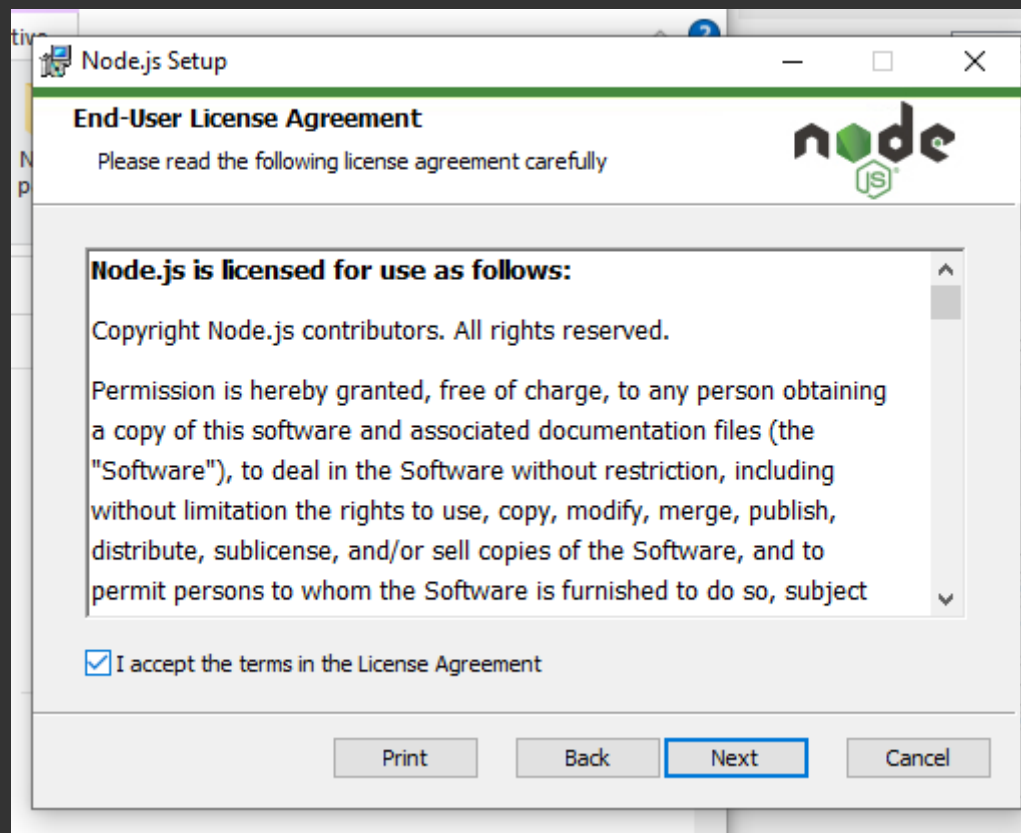
Welcome to the Node.js Setup Wizard

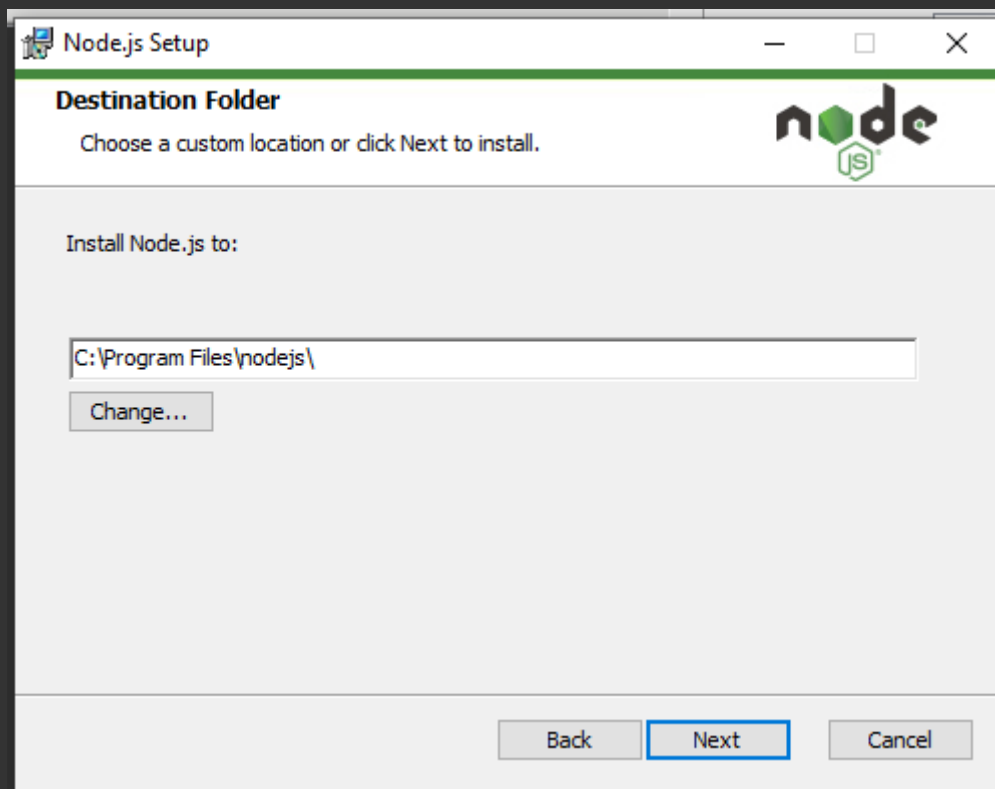
Please wait while the Setup Wizard prepares to guide you through the installation.

Computing space requirements

Back Next Cancel

Execute o instalador







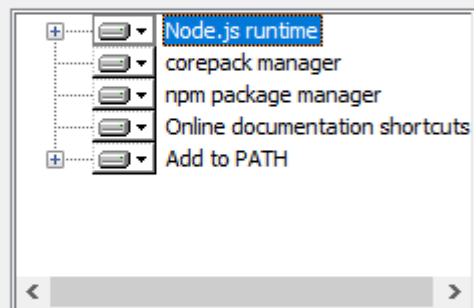
Node.js Setup

Custom Setup

Select the way you want features to be installed.



Click the icons in the tree below to change the way features will be installed.



Install the core Node.js runtime (node.exe).

This feature requires 10067KB on your hard drive. It has 1 of 1 subfeatures selected. The subfeatures require 0KB on your hard drive.

Browse...

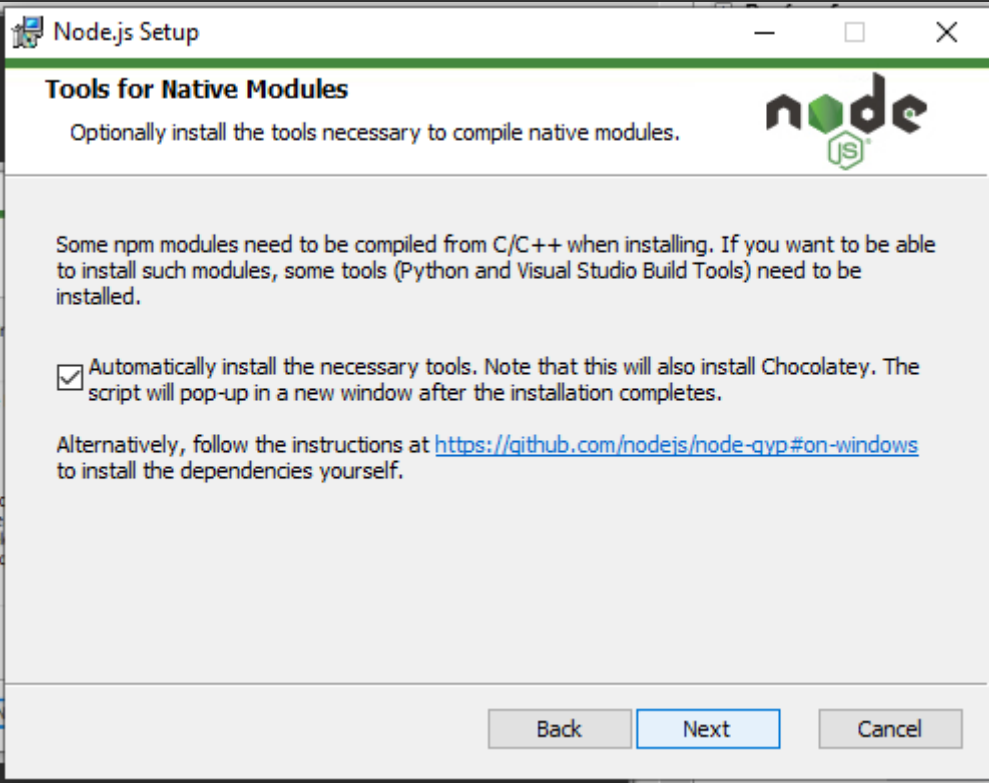
Reset

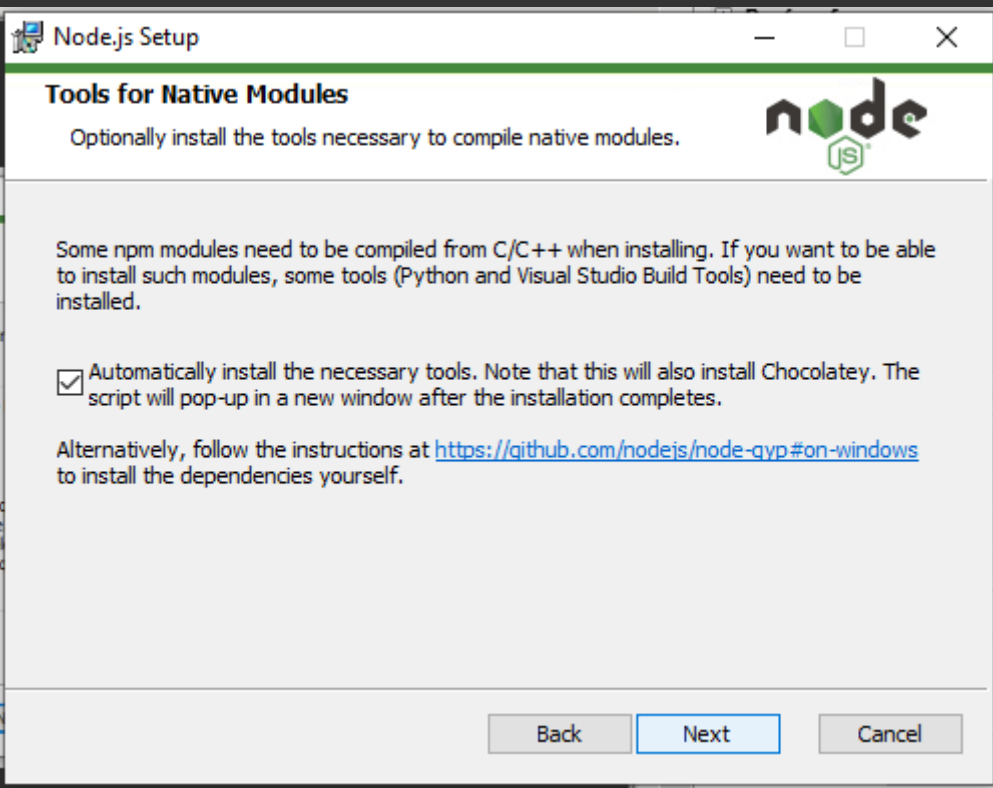
Disk Usage

Back

Next

Cancel





Tools for Native Modules

Optionally install the tools necessary to compile native modules.



Some npm modules need to be compiled from C/C++ when installing. If you want to be able to install such modules, some tools (Python and Visual Studio Build Tools) need to be installed.

- ☒ Automatically install the necessary tools. Note that this will also install Chocolatey. The script will pop-up in a new window after the installation completes.

Alternatively, follow the instructions at <https://github.com/nodejs/node-gyp#on-windows> to install the dependencies yourself.

Back

Next

Cancel



Node.js Setup



Ready to install Node.js



Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.

Back

 Install

Cancel



Node.js Setup



Installing Node.js



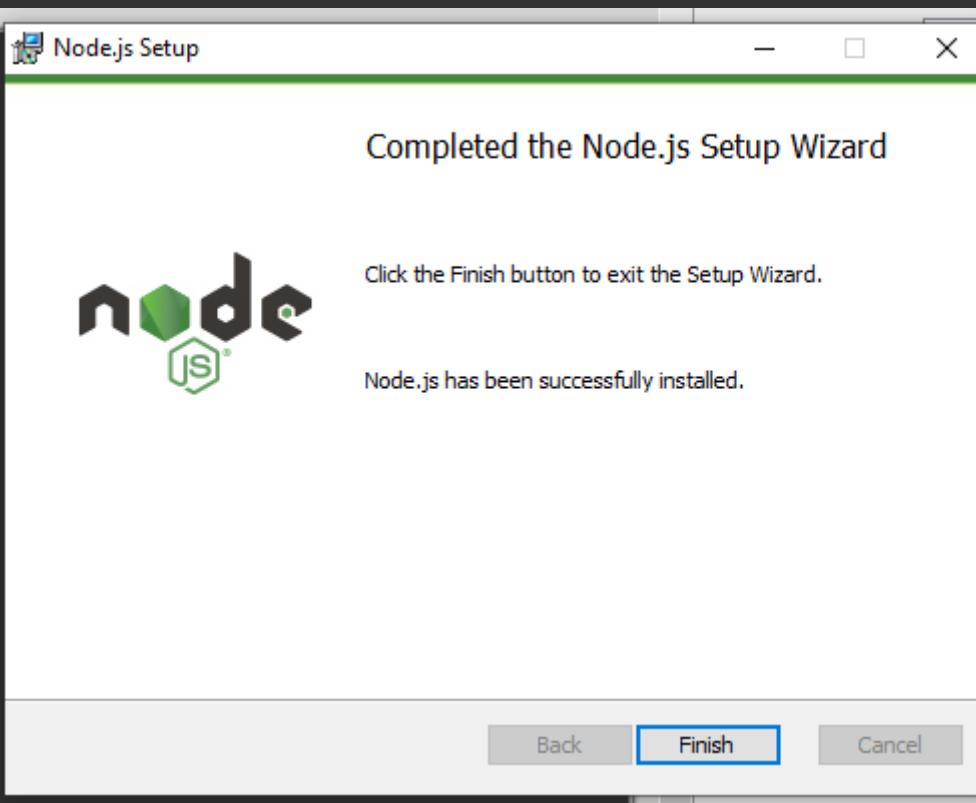
Please wait while the Setup Wizard installs Node.js.

Status:

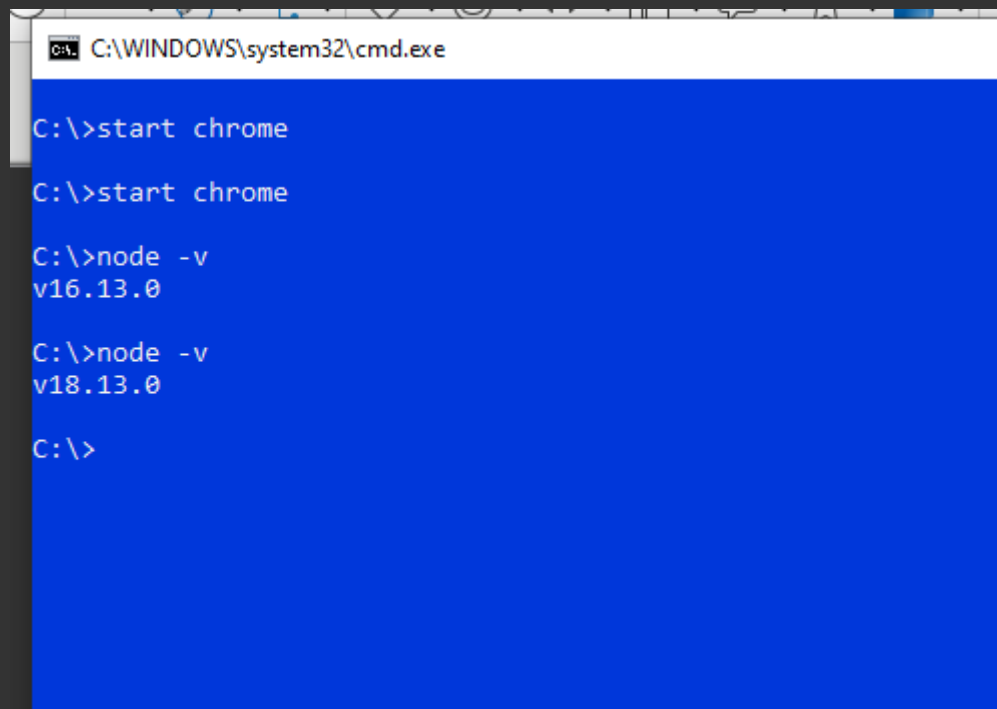
Back

Next

Cancel



No cmd



```
C:\WINDOWS\system32\cmd.exe

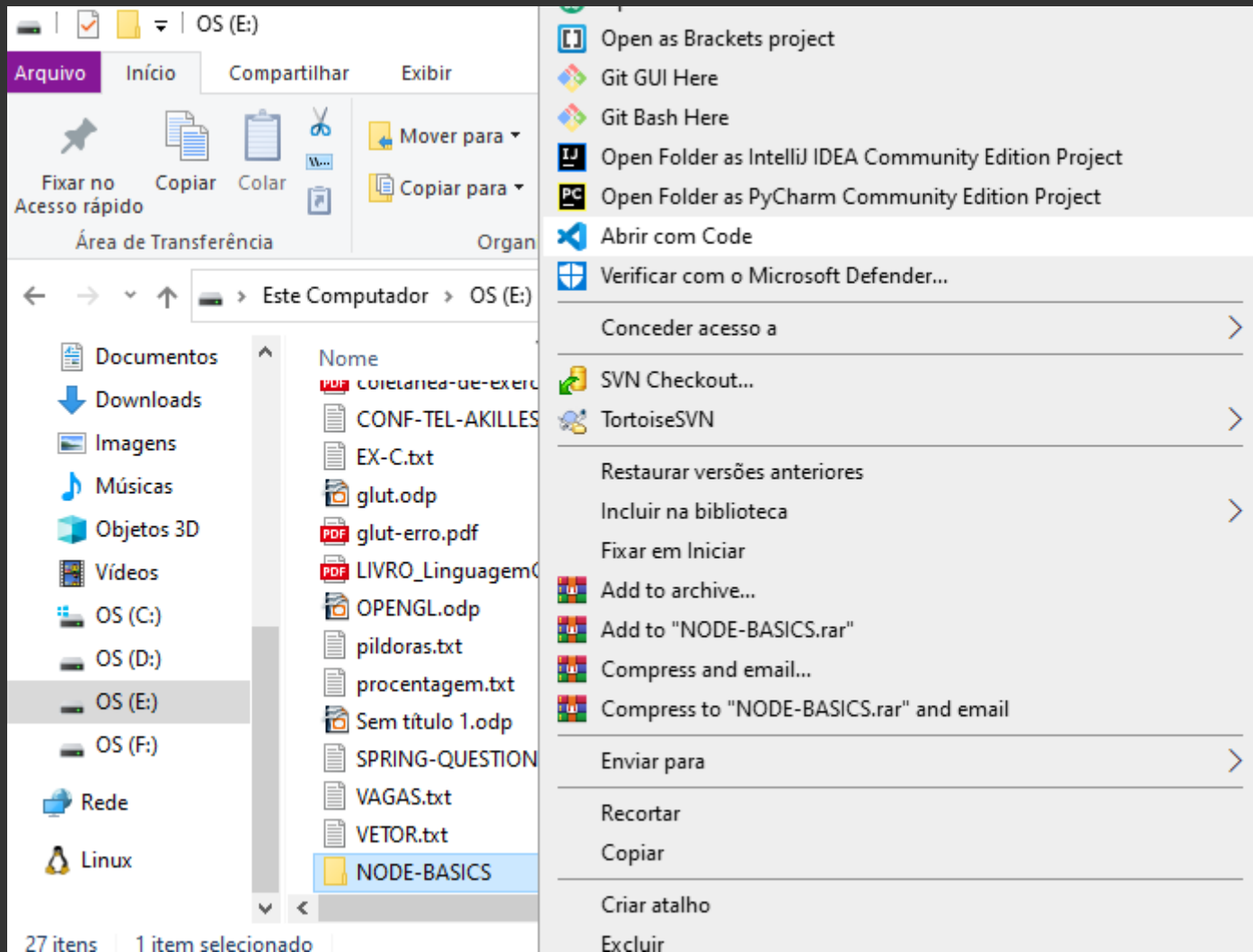
C:\>start chrome

C:\>start chrome

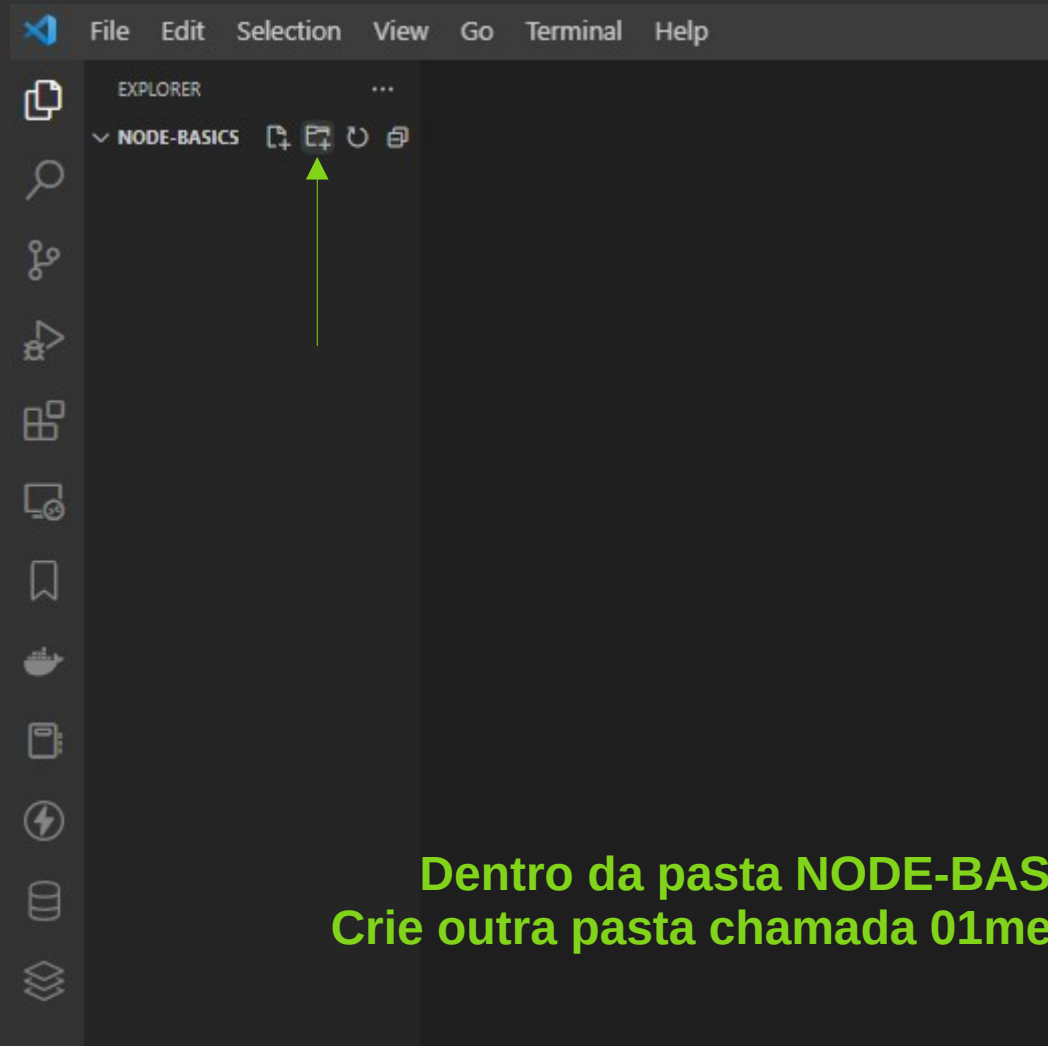
C:\>node -v
v16.13.0

C:\>node -v
v18.13.0

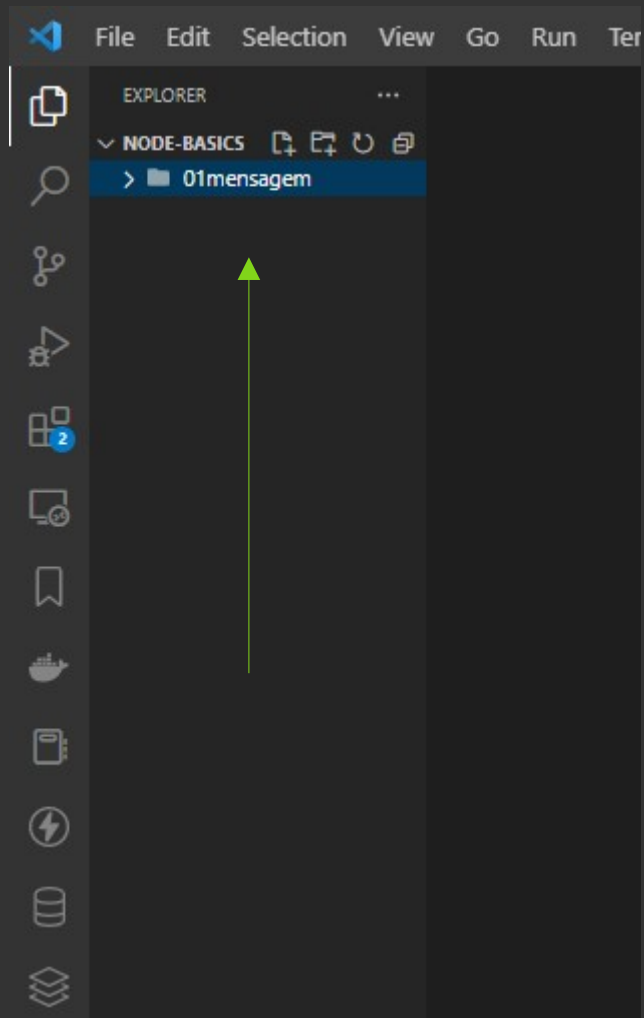
C:\>
```

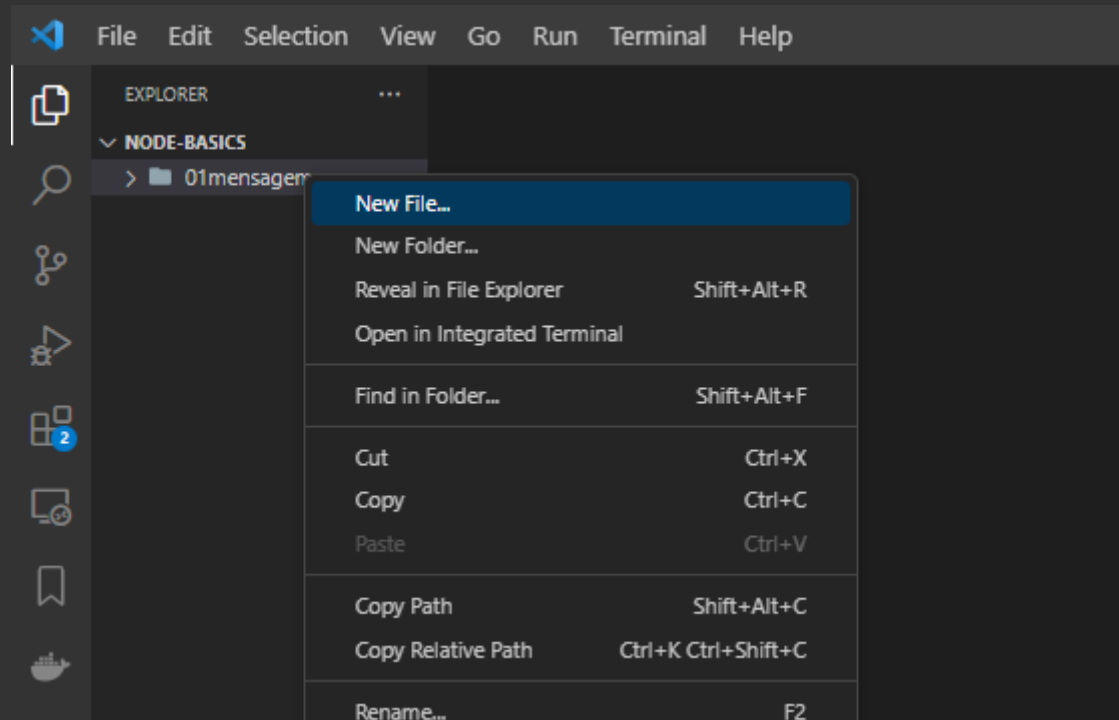


**CRIE UMA
PASTA E
ABRA COM
O CODE**

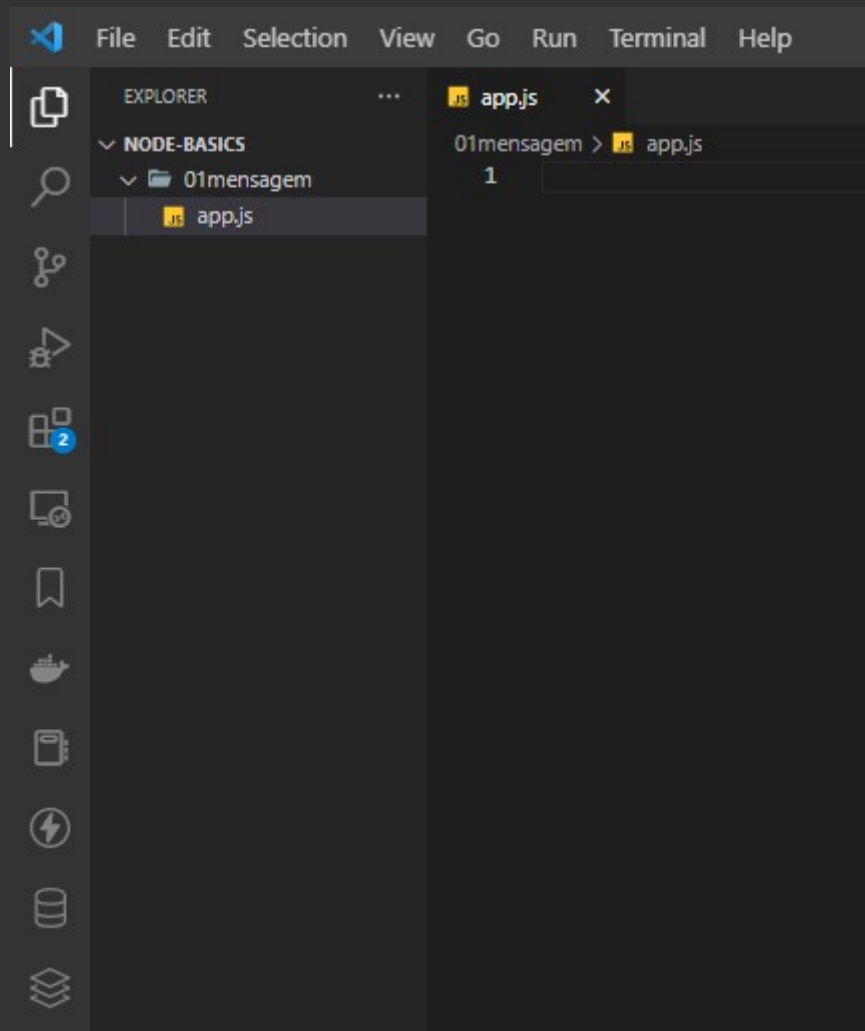


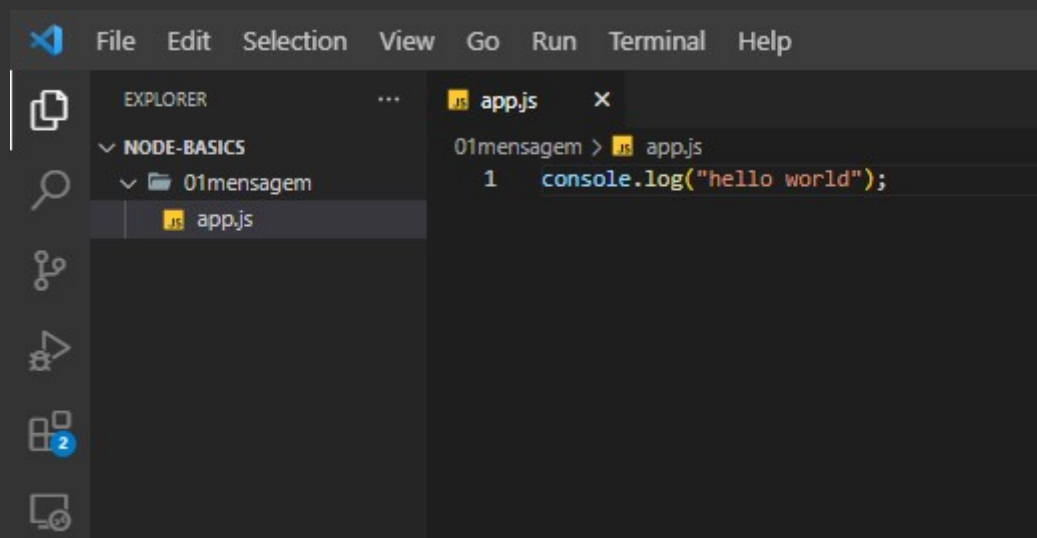
Dentro da pasta NODE-BASICS
Crie outra pasta chamada 01mensagem

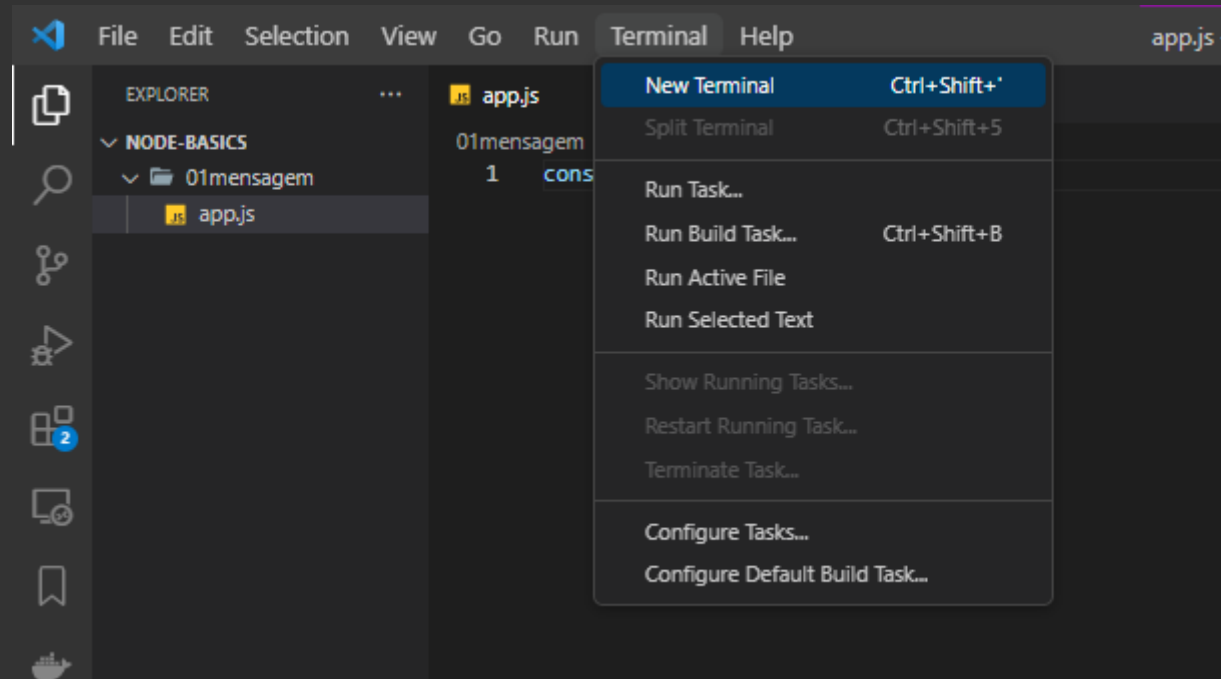




Crie um arquivo chamado app.js







Depois de salvar abra um terminal



EXPLORER

▼ NODE-BASICS

▼ 01mensagem

app.js

app.js x

01mensagem > app.js

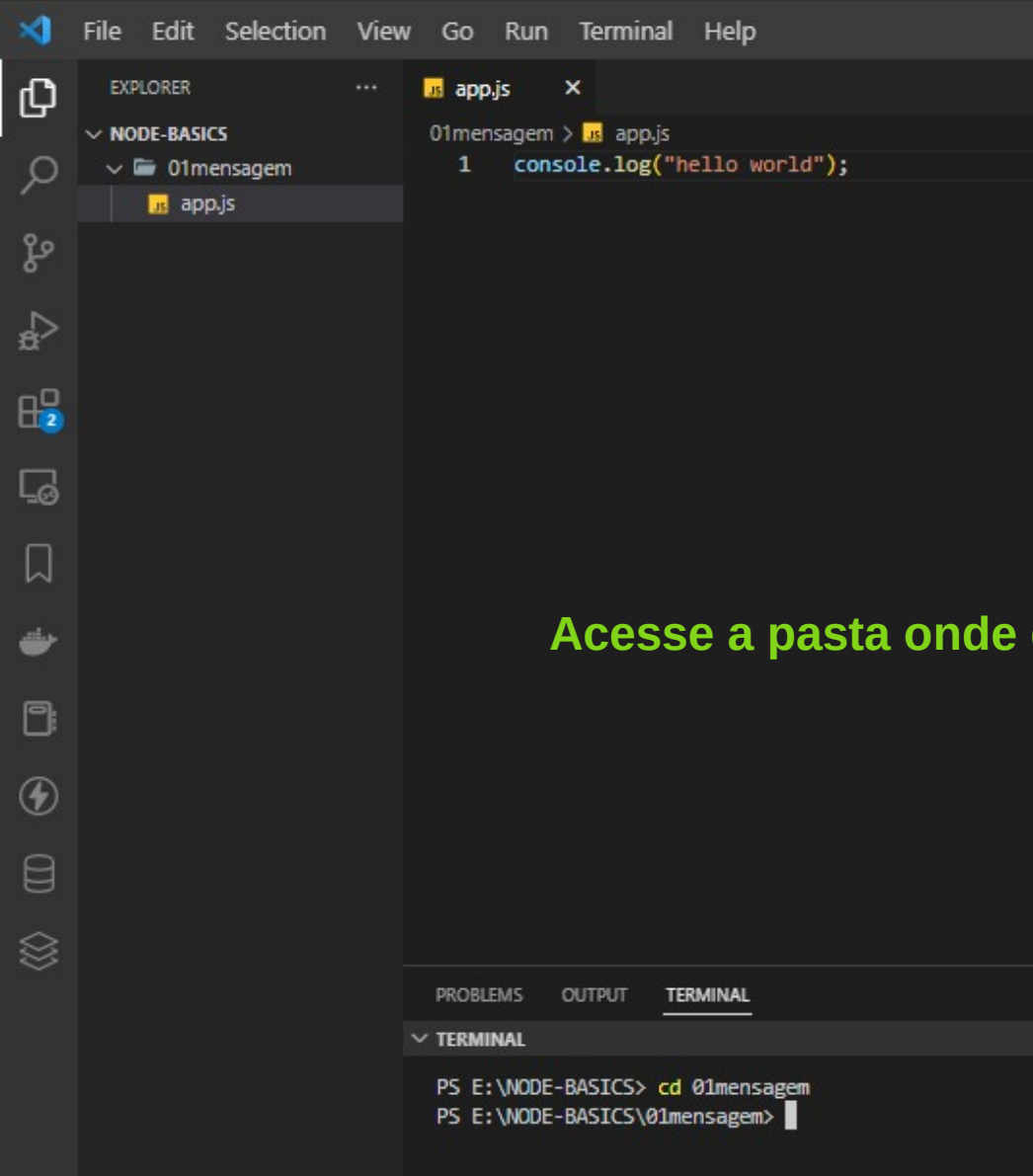
```
1 console.log("hello world");
```

PROBLEMS OUTPUT TERMINAL

▼ TERMINAL

powershell + -

PS E:\NODE-BASICS> |



PROBLEMS

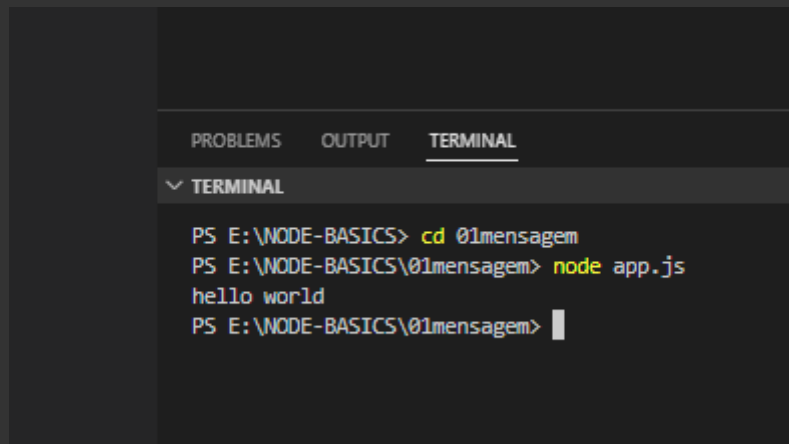
OUTPUT

TERMINAL

✓ TERMINAL

PS E:\NODE-BASICS> cd 01mensagem

PS E:\NODE-BASICS\01mensagem> |

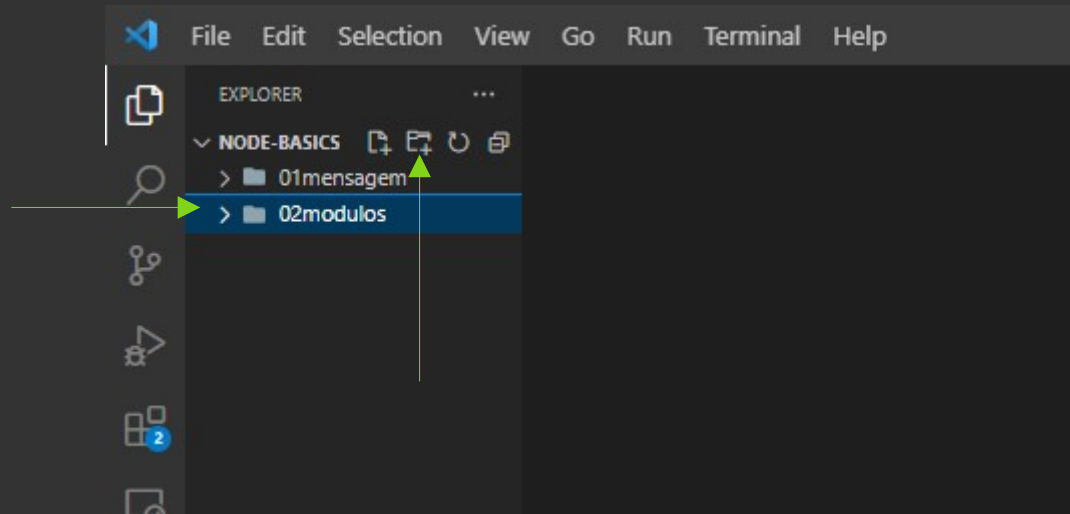


A screenshot of a Visual Studio Code terminal window. The terminal has three tabs at the top: 'PROBLEMS', 'OUTPUT', and 'TERMINAL', with 'TERMINAL' being the active tab. Below the tabs, there is a dropdown menu labeled 'TERMINAL'. The terminal content shows a PowerShell prompt 'PS E:\NODE-BASICS>' followed by the command 'cd 01mensagem'. The next line shows the prompt 'PS E:\NODE-BASICS\01mensagem>' followed by the command 'node app.js'. The output of the command is 'hello world'. The final line shows the prompt 'PS E:\NODE-BASICS\01mensagem>' with a cursor.

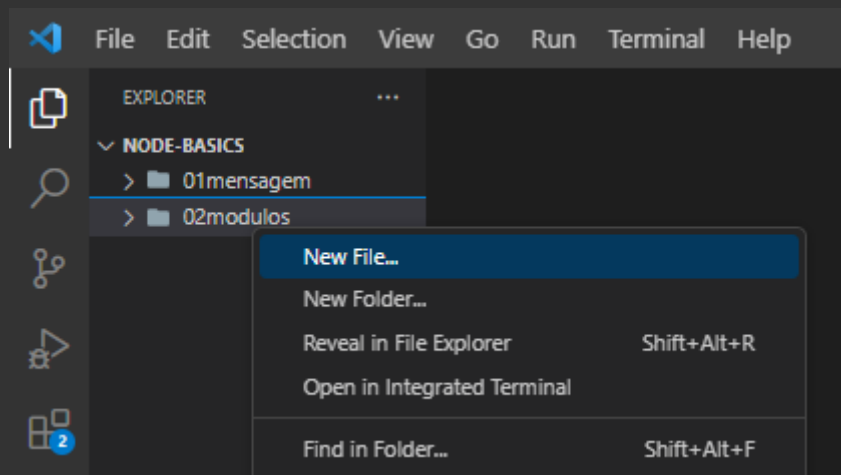
```
PS E:\NODE-BASICS> cd 01mensagem
PS E:\NODE-BASICS\01mensagem> node app.js
hello world
PS E:\NODE-BASICS\01mensagem> 
```

Digitamos no terminal
Node app.js
Ou seja node + o nome do projeto.js

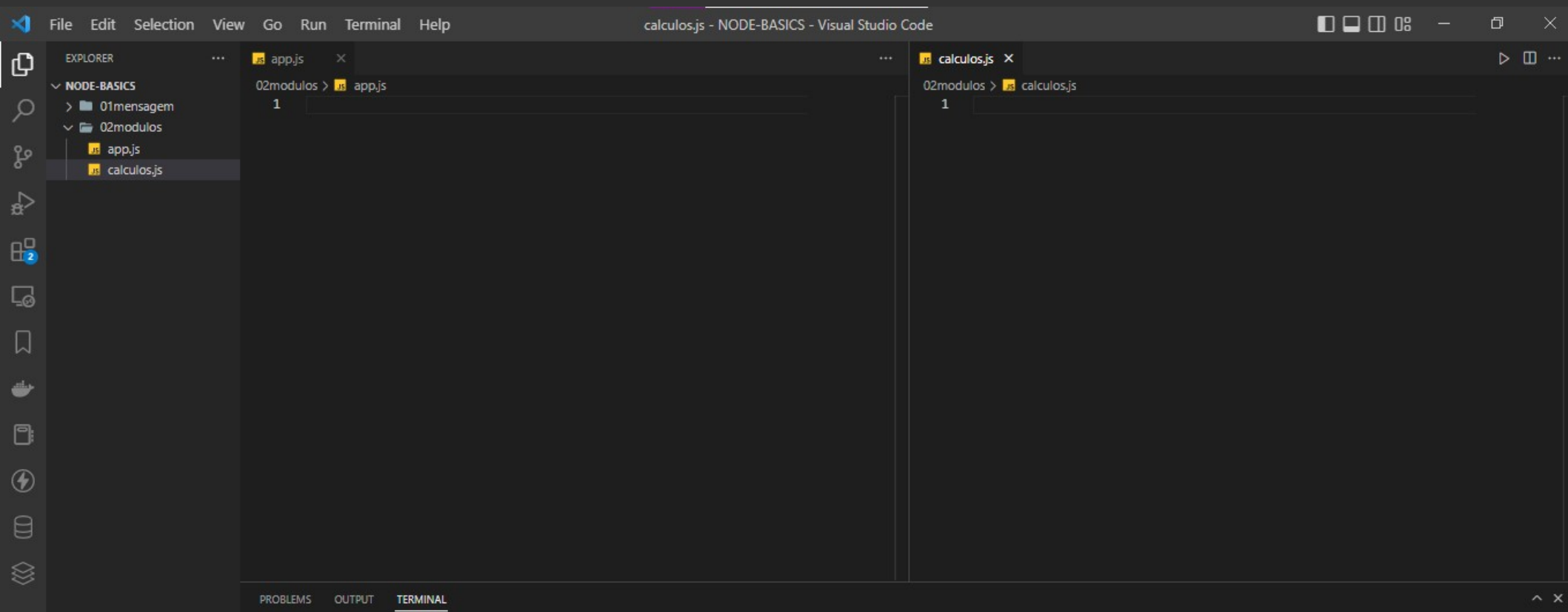
#3 MODULOS



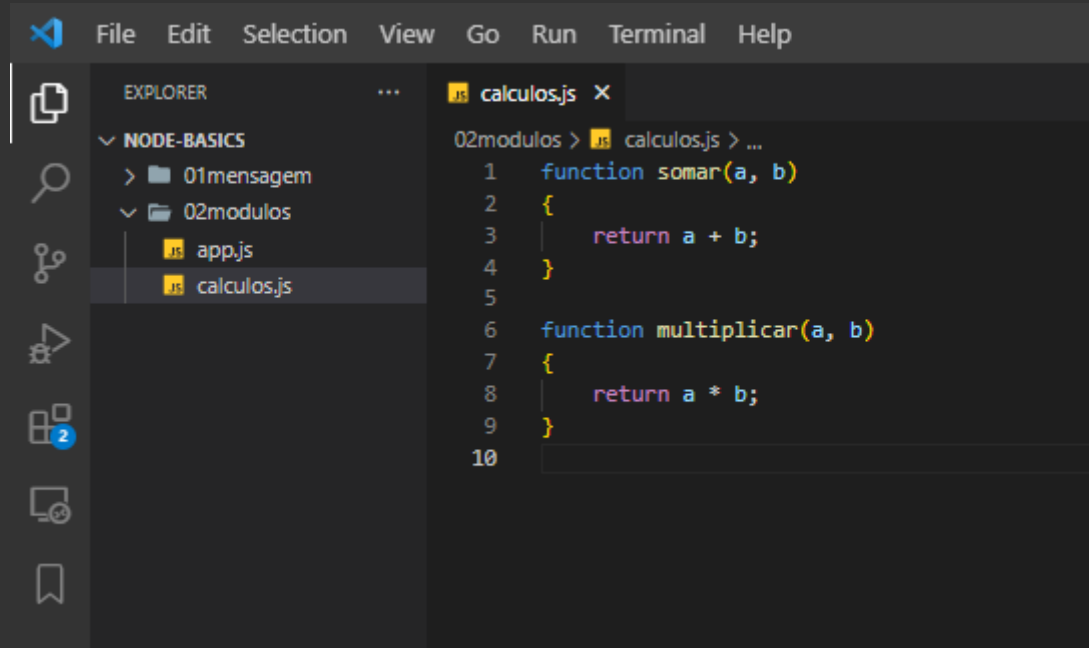
**Crie uma nova pasta com o nome
02modulos**



Dentro de 02modulos
Crie 2 arquivos
App.js
E
Calculos.js



Criamos 2 funções

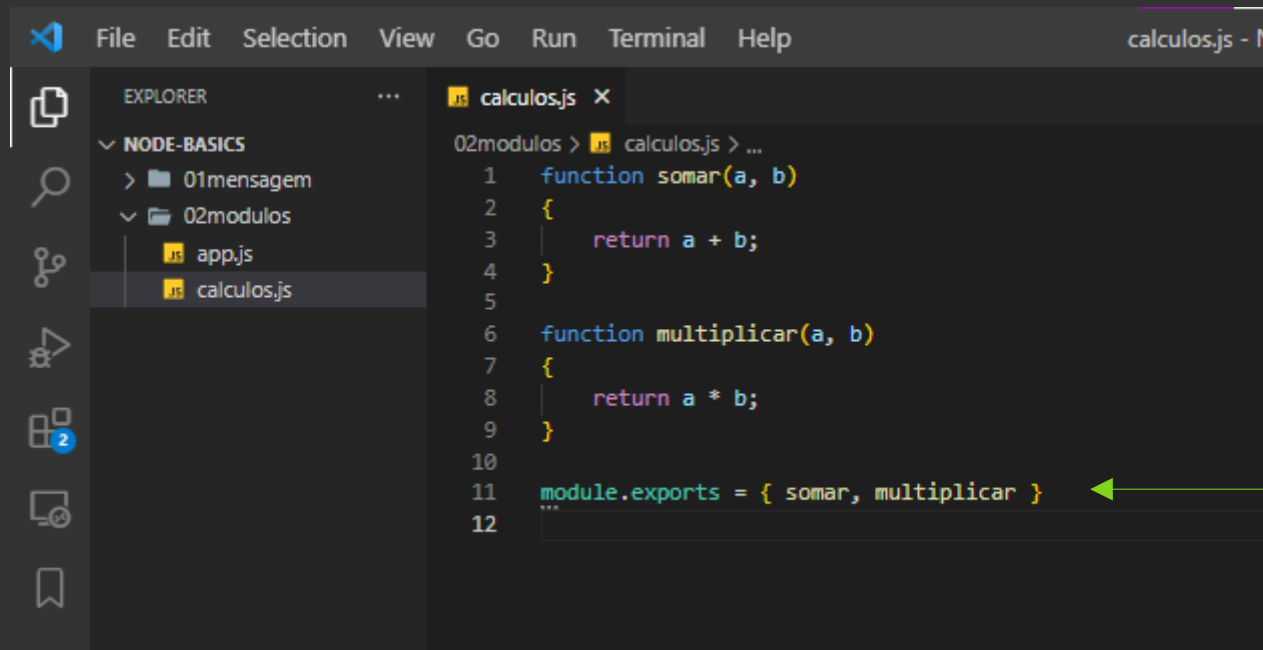


The image shows a screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left displays a project structure under 'NODE-BASICS' with folders '01mensagem' and '02modulos'. Inside '02modulos', there are two JavaScript files: 'app.js' and 'calculos.js', with 'calculos.js' selected. The main editor area shows the content of 'calculos.js', which contains two functions: 'somar' and 'multiplicar'. The 'somar' function takes two arguments, 'a' and 'b', and returns their sum. The 'multiplicar' function also takes two arguments, 'a' and 'b', and returns their product. The code is written in a dark theme with syntax highlighting.

```
File Edit Selection View Go Run Terminal Help

EXPLORER
NODE-BASICS
  > 01mensagem
  > 02modulos
    app.js
    calculos.js

calculos.js
02modulos > calculos.js > ...
1 function somar(a, b)
2 {
3   return a + b;
4 }
5
6 function multiplicar(a, b)
7 {
8   return a * b;
9 }
10
```

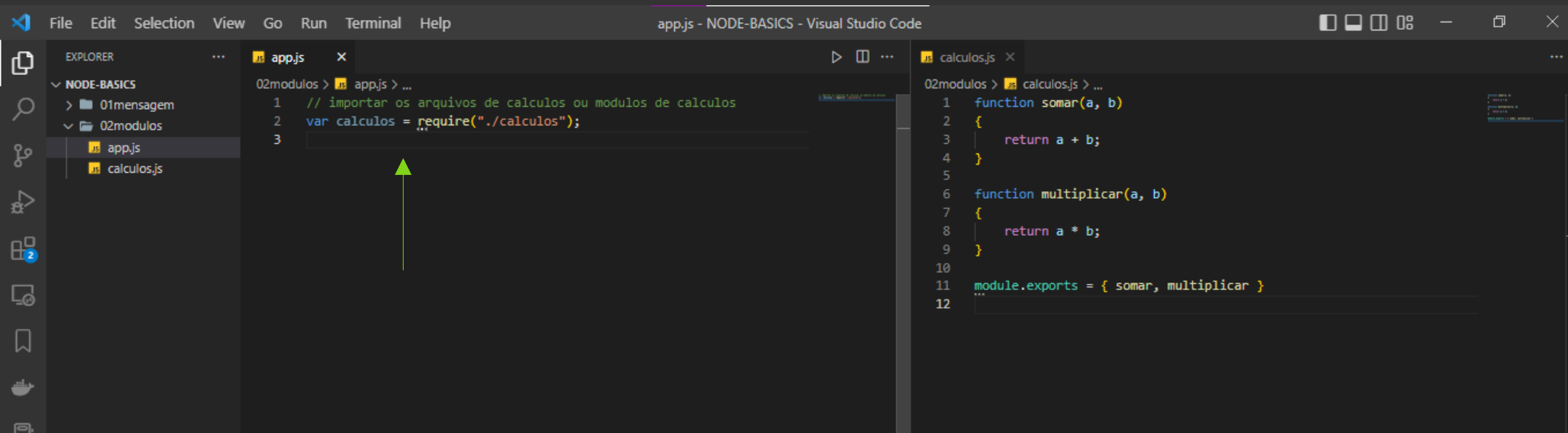


```
File Edit Selection View Go Run Terminal Help calculos.js - f

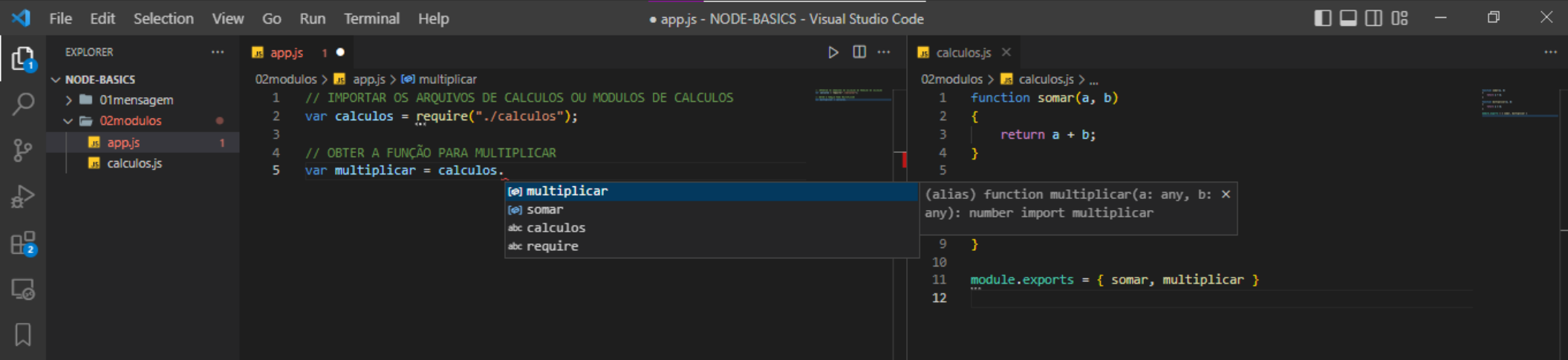
EXPLORER
NODE-BASICS
  > 01mensagem
  > 02modulos
    app.js
    calculos.js

02modulos > calculos.js > ...
1 function somar(a, b)
2 {
3   return a + b;
4 }
5
6 function multiplicar(a, b)
7 {
8   return a * b;
9 }
10
11 module.exports = { somar, multiplicar }
12
```

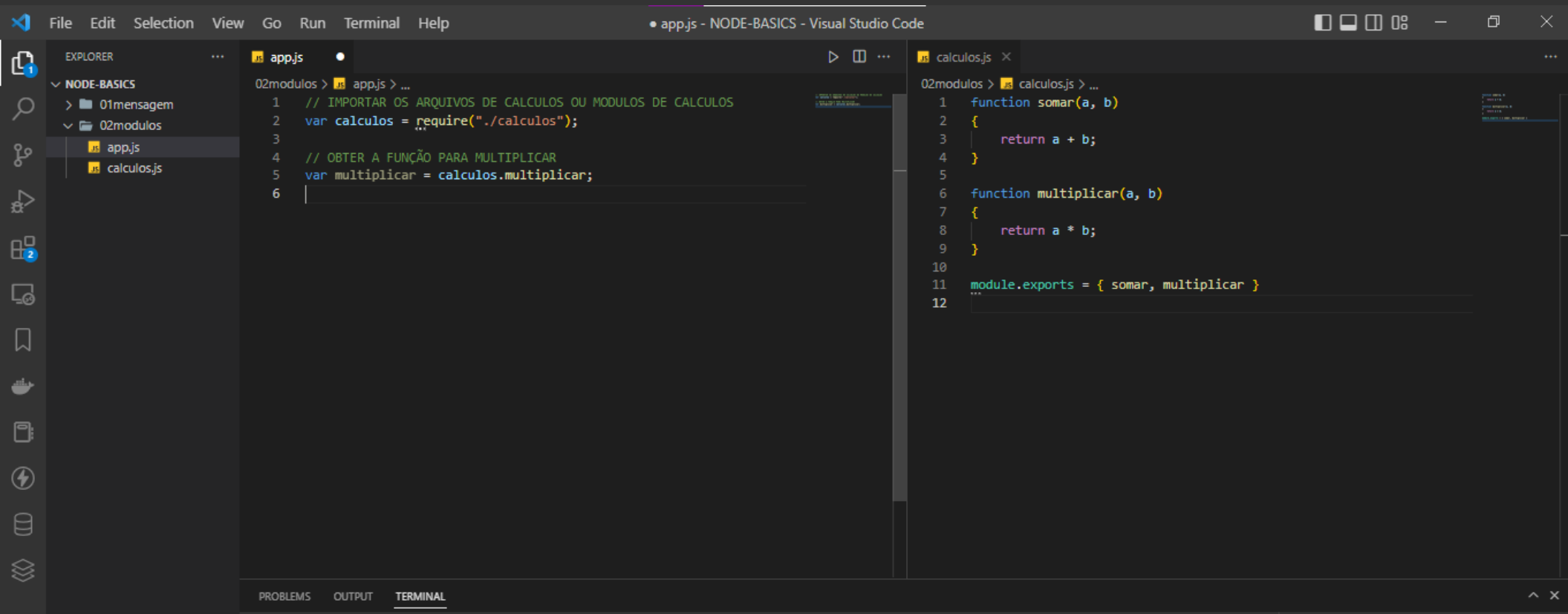
Exportamos essas 2 funções

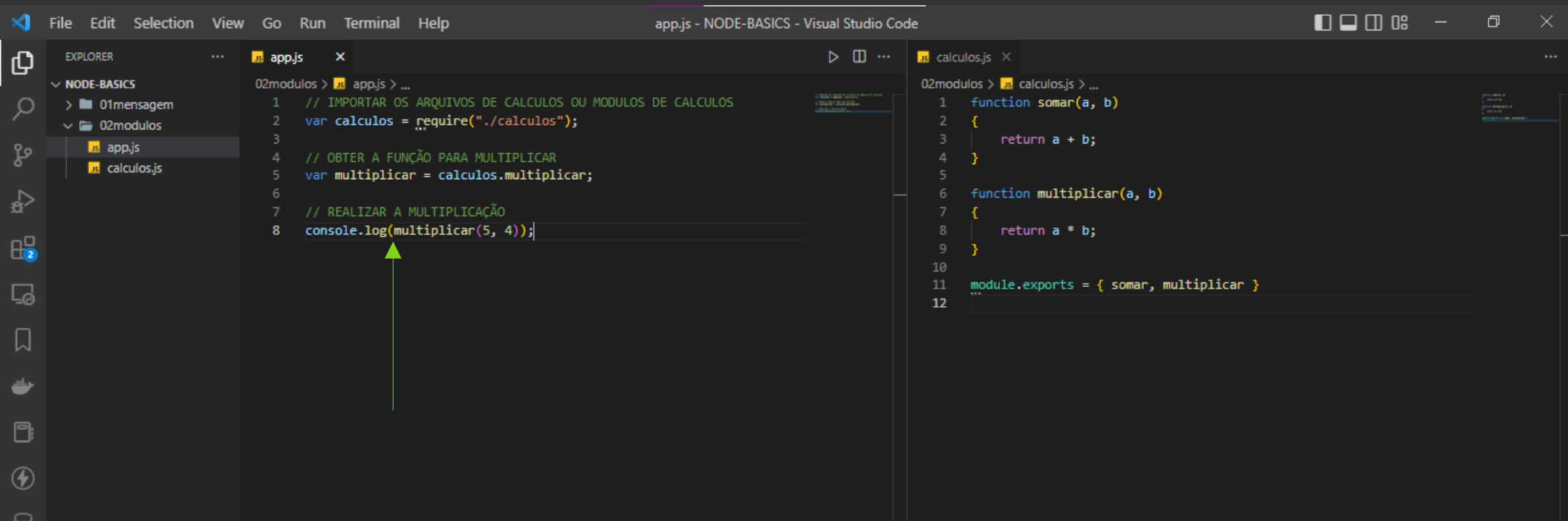


Importamos os modulos criados

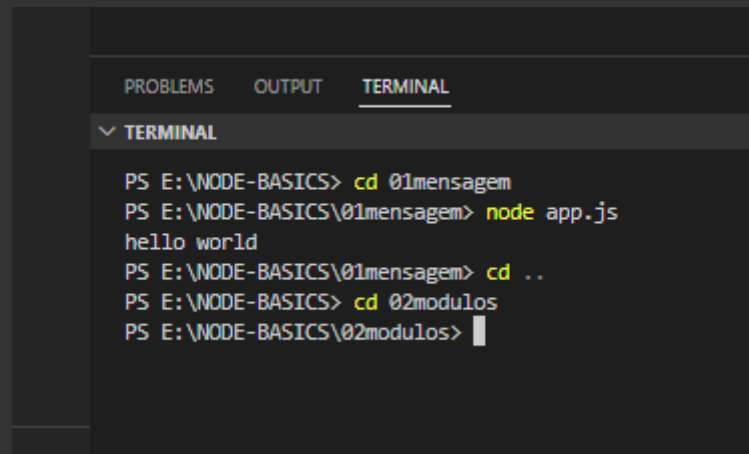


Como é um obj acessamos com o .

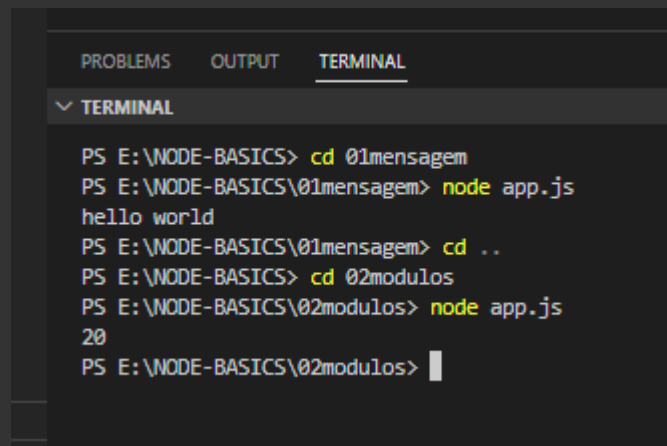




No terminal entramos na pasta do projeto para executar



```
PROBLEMS  OUTPUT  TERMINAL
▼ TERMINAL
PS E:\NODE-BASICS> cd 01mensagem
PS E:\NODE-BASICS\01mensagem> node app.js
hello world
PS E:\NODE-BASICS\01mensagem> cd ..
PS E:\NODE-BASICS> cd 02modulos
PS E:\NODE-BASICS\02modulos> 
```



```
PROBLEMS  OUTPUT  TERMINAL
▼ TERMINAL
PS E:\NODE-BASICS> cd 01mensagem
PS E:\NODE-BASICS\01mensagem> node app.js
hello world
PS E:\NODE-BASICS\01mensagem> cd ..
PS E:\NODE-BASICS> cd 02modulos
PS E:\NODE-BASICS\02modulos> node app.js
20
PS E:\NODE-BASICS\02modulos> 
```

Certo ele exibe o resultado da multiplicação

O que são módulos?

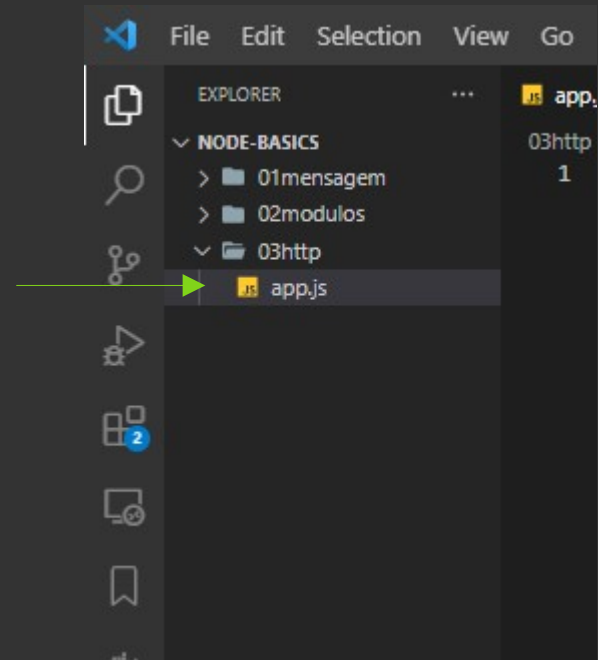
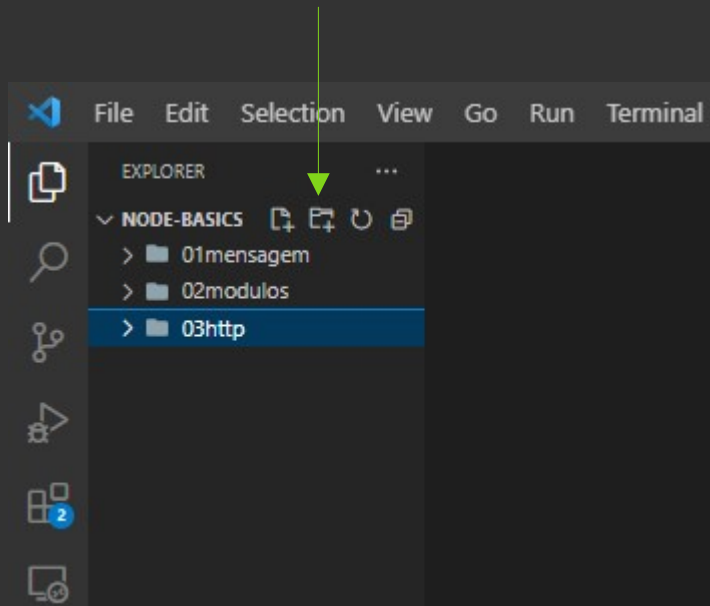
Pequenas bibliotecas então tenho bibliotecas para conectar banco de dados gerar pdfs trabalhar com calculos como seno e cosseno etc...

#4

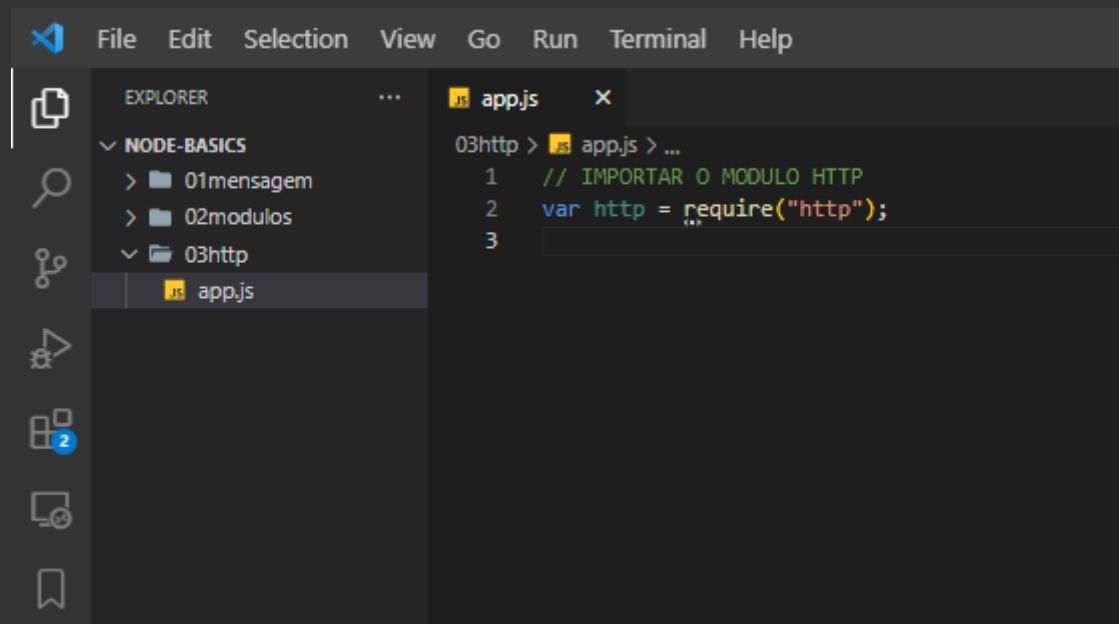
MODULOS HTTP

O QUE ELE FAZ?

CRIA UM SERVIDOR PARA TESTARMOS NOSSA APLICAÇÃO



Criamos a pasta 03http e dentro dela o arquivo app.js





File Edit Selection View Go Run Terminal Help

app.js - NODE-BASICS - Visual Studio Code



EXPLORER



app.js



▼ NODE-BASICS

> 01mensagem

> 02modulos



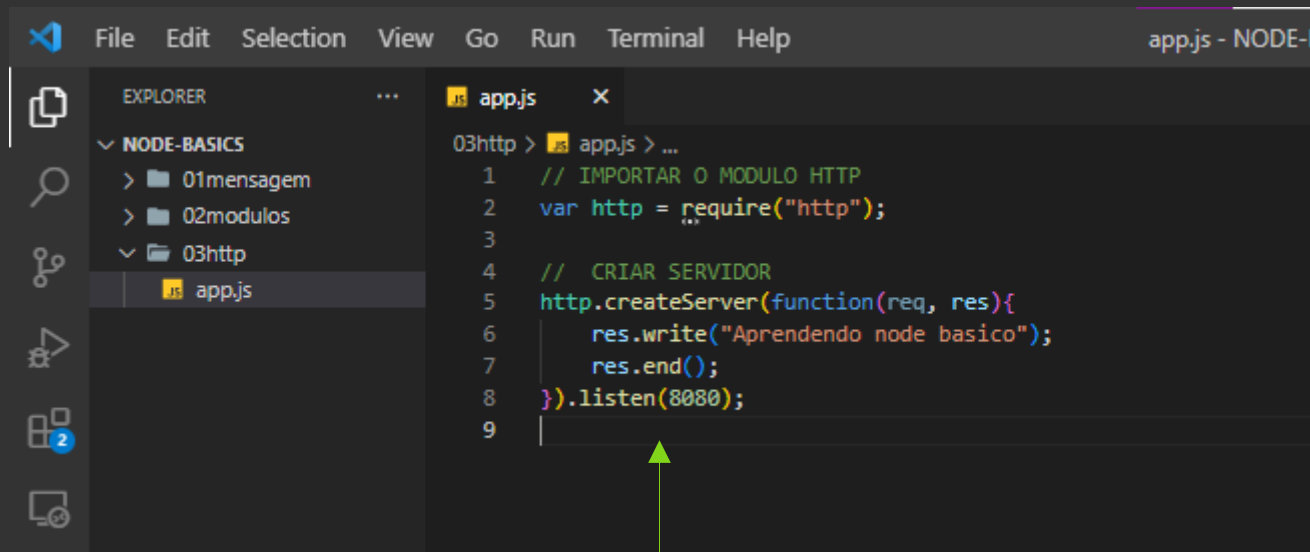
▼ 03http

app.js



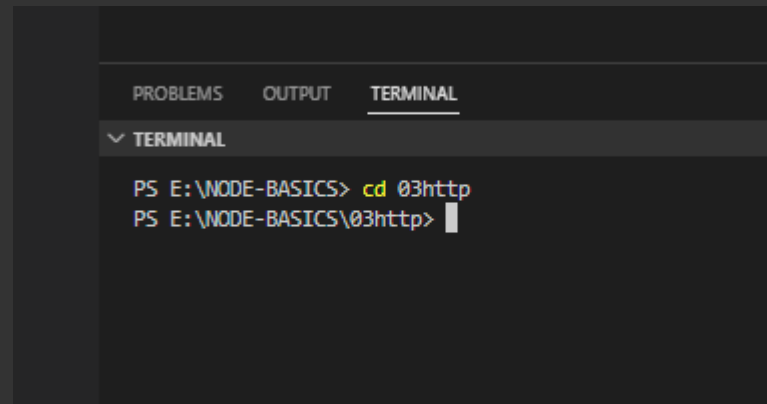
03http > app.js > ...

```
1 // IMPORTAR O MODULO HTTP
2 var http = require("http");
3
4 // CRIAR SERVIDOR
5 http.createServer(function(req, res){
6     res.write("Aprendendo node basico");
7     res.end();
8 })
9
```



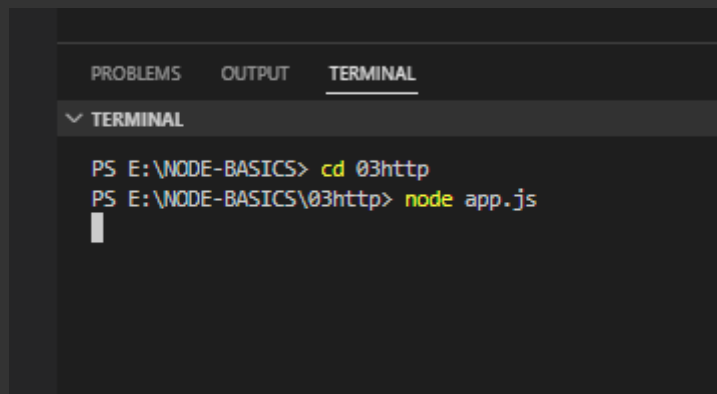
Por fim passamos a porta

Depois de salvar entramos na pasta do projeto para rodar



The image shows a screenshot of a Visual Studio Code interface with a terminal window open. The terminal has tabs for 'PROBLEMS', 'OUTPUT', and 'TERMINAL', with 'TERMINAL' being the active tab. Below the tabs, there is a dropdown menu labeled 'TERMINAL'. The terminal output shows two commands: 'PS E:\NODE-BASICS> cd 03http' and 'PS E:\NODE-BASICS\03http>'. The cursor is positioned at the end of the second command line.

```
PS E:\NODE-BASICS> cd 03http
PS E:\NODE-BASICS\03http> 
```

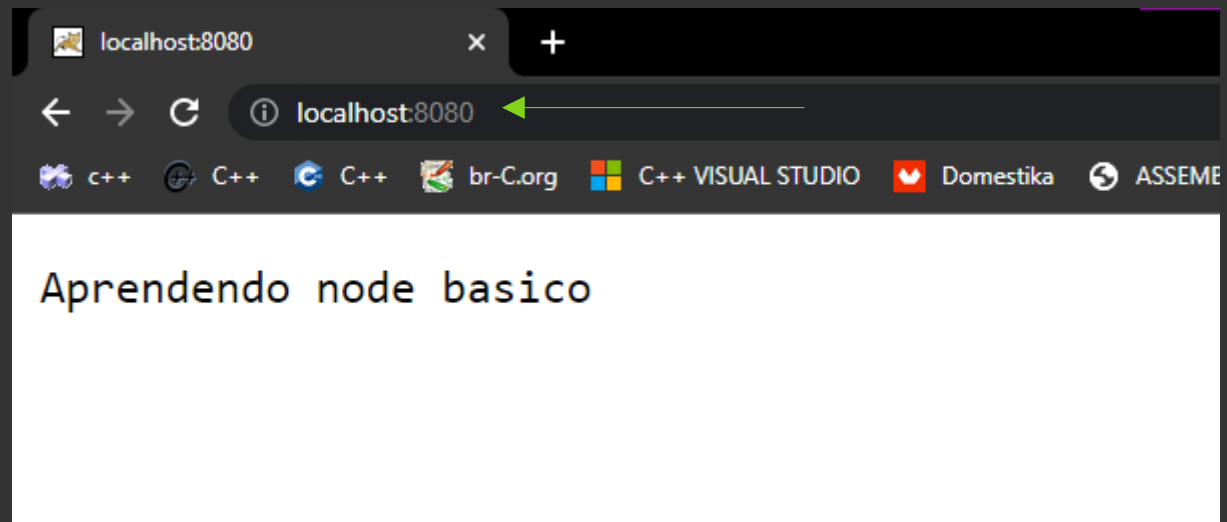


A screenshot of a Visual Studio Code terminal window. The terminal has three tabs at the top: 'PROBLEMS', 'OUTPUT', and 'TERMINAL', with 'TERMINAL' being the active tab. Below the tabs, there is a dropdown menu labeled 'TERMINAL'. The terminal content shows a PowerShell prompt 'PS E:\NODE-BASICS>' followed by the command 'cd 03http'. The next line shows the prompt 'PS E:\NODE-BASICS\03http>' followed by the command 'node app.js'. A white cursor is visible on the line following the second command.

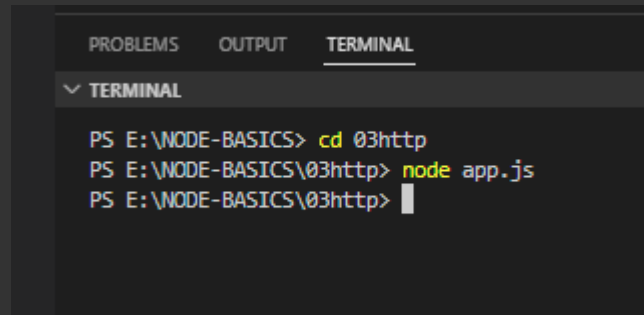
```
PS E:\NODE-BASICS> cd 03http
PS E:\NODE-BASICS\03http> node app.js

```

Servidor rodando



#5 nodemon



A screenshot of a Visual Studio Code terminal window. The terminal has three tabs at the top: 'PROBLEMS', 'OUTPUT', and 'TERMINAL', with 'TERMINAL' being the active tab. Below the tabs, there is a dropdown menu labeled 'TERMINAL'. The terminal content shows a PowerShell prompt 'PS E:\NODE-BASICS>' followed by the command 'cd 03http'. The next line shows the prompt 'PS E:\NODE-BASICS\03http>' followed by the command 'node app.js'. The third line shows the prompt 'PS E:\NODE-BASICS\03http>' with a white cursor character.

```
PS E:\NODE-BASICS> cd 03http
PS E:\NODE-BASICS\03http> node app.js
PS E:\NODE-BASICS\03http> |
```

CTRL + C
Para parar o servidor e
instalarmos o nodemon

PROBLEMS

OUTPUT

TERMINAL

▼ TERMINAL

PS E:\NODE-BASICS> cd 03http

PS E:\NODE-BASICS\03http> node app.js

PS E:\NODE-BASICS\03http> npm install -g nodemon

PROBLEMS OUTPUT TERMINAL

▼ TERMINAL

PS E:\NODE-BASICS> cd 03http

PS E:\NODE-BASICS\03http> node app.js

PS E:\NODE-BASICS\03http> npm install -g nodemon

changed 32 packages, and audited 33 packages in 9s

3 packages are looking for funding
run `npm fund` for details

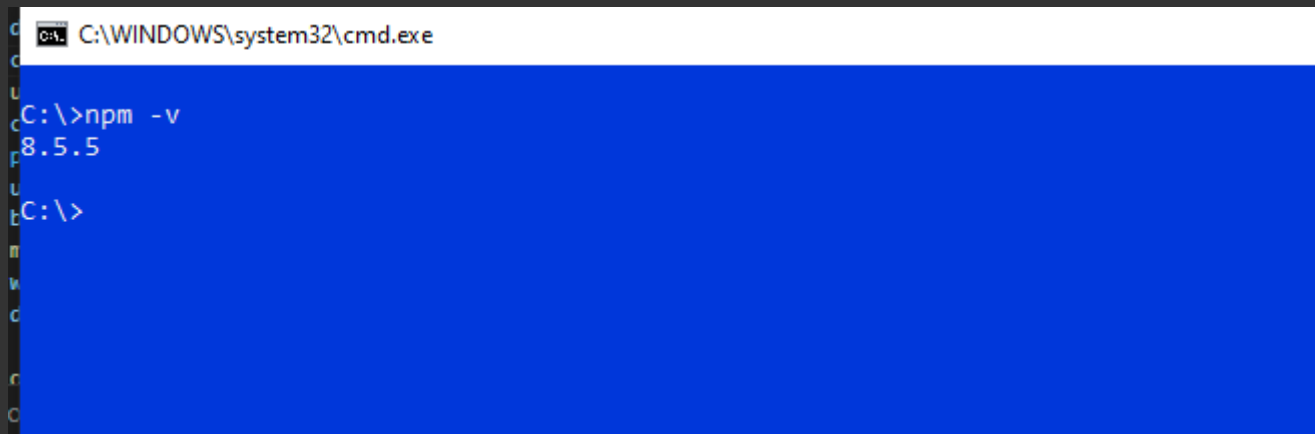
found 0 vulnerabilities

PS E:\NODE-BASICS\03http> █

```
PROBLEMS OUTPUT TERMINAL
▼ TERMINAL
PS E:\NODE-BASICS> cd 03http
PS E:\NODE-BASICS\03http> node app.js
PS E:\NODE-BASICS\03http> npm install -g nodemon

PS E:\NODE-BASICS\03http> nodemon app.js
C:\Users\brito\AppData\Roaming\npm\node_modules\nodemon\node_modules\chokidar\index.js:162
  async remove(item) {
    ^^^^^^^
SyntaxError: Unexpected identifier
    at Object.exports.runInThisContext (vm.js:76:16)
    at Module._compile (module.js:542:28)
    at Object.Module._extensions..js (module.js:579:10)
    at Module.load (module.js:487:32)
    at tryModuleLoad (module.js:446:12)
    at Function.Module._load (module.js:438:3)
    at Module.require (module.js:497:17)
    at require (internal/module.js:20:19)
    at Object.<anonymous> (C:\Users\brito\AppData\Roaming\npm\node_modules\nodemon\lib\monitor\watch.js:6:16)
    at Module._compile (module.js:570:32)
PS E:\NODE-BASICS\03http> |
```

Resolvendo o erro de versão do nodemon



```
C:\WINDOWS\system32\cmd.exe  
C:\>npm -v  
8.5.5  
C:\>
```

Verificando a versão do npm e atualizando

PROBLEMS OUTPUT TERMINAL

▼ TERMINAL

power

```
    at tryModuleLoad (module.js:446:12)
    at Function.Module._load (module.js:438:3)
    at Module.require (module.js:497:17)
    at require (internal/module.js:20:19)
    at Object.<anonymous> (C:\Users\brito\AppData\Roaming\npm\node_modules\nodemon\lib\monitor\watch.js:6:16)
    at Module._compile (module.js:570:32)
PS E:\NODE-BASICS\03http> npm install npm@latest -g
npm ERR! arg Argument starts with non-ascii dash, this is probably invalid: -g
npm ERR! code EINVALIDTAGNAME
npm ERR! Invalid tag name "-g" of package "-g": Tags may not have any characters that encodeURIComponent encodes.

npm ERR! A complete log of this run can be found in:
npm ERR!     C:\Users\brito\AppData\Local\npm-cache\_logs\2023-01-27T18_16_34_450Z-debug-0.log
PS E:\NODE-BASICS\03http> npm install npm@latest

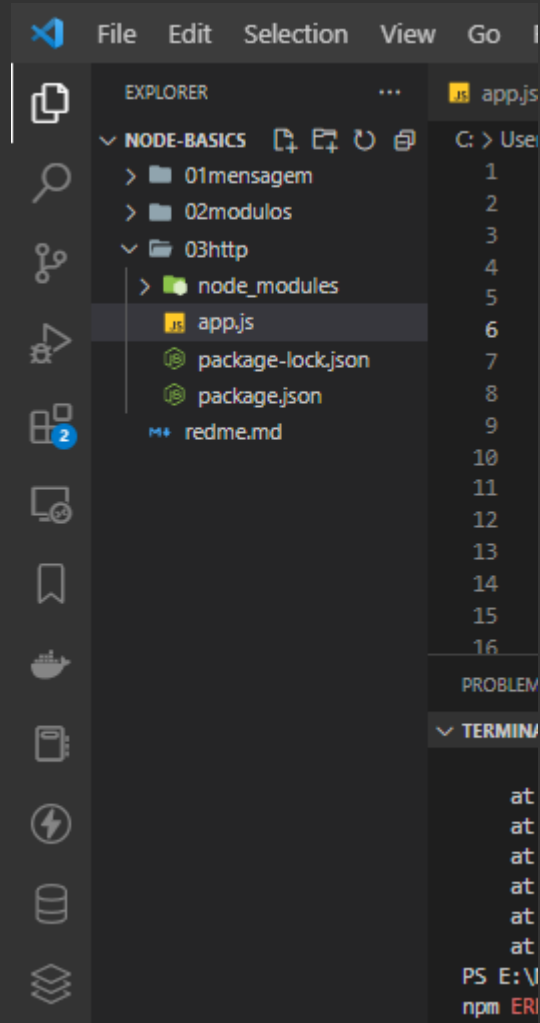
added 1 package, and audited 231 packages in 11s

14 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS E:\NODE-BASICS\03http>
```

Lr

Ela instala a pasta
node modules
O g seria para
instalar globalmente
na pasta NODE-
BASICS RAIZ SERVE
PRA TODOS



PROBLEMS

OUTPUT

TERMINAL

▼ TERMINAL

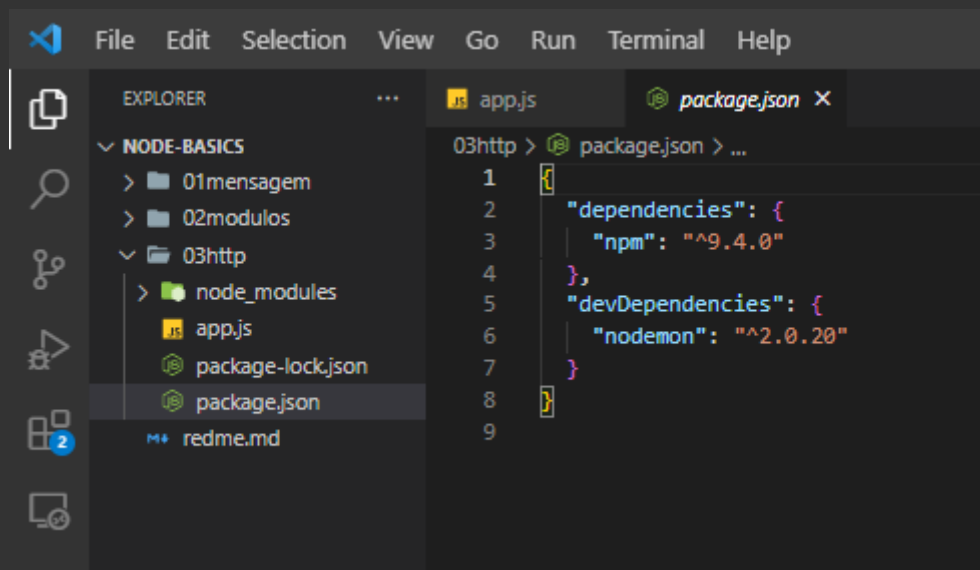
```
PS E:\NODE-BASICS\03http> npm install nodemon --save-dev
```

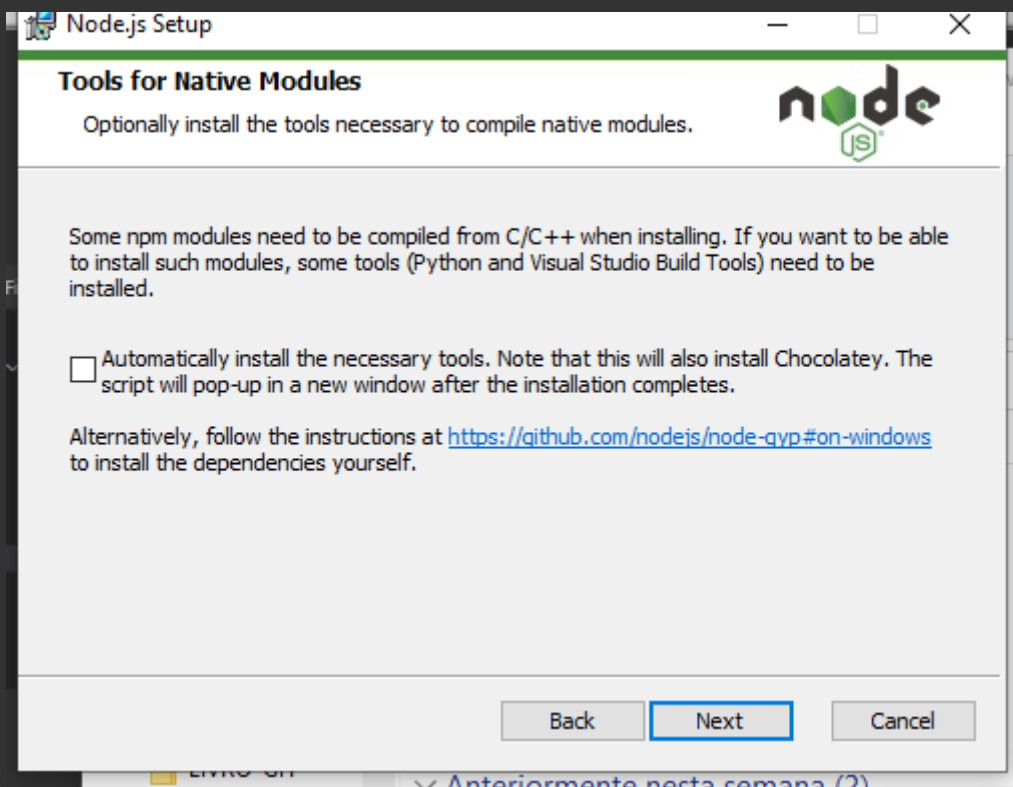
```
added 32 packages, and audited 263 packages in 5s
```

```
17 packages are looking for funding  
  run `npm fund` for details
```

```
found 0 vulnerabilities
```

```
PS E:\NODE-BASICS\03http> |
```





Windows PowerShell

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Experimente a nova plataforma cruzada PowerShell <https://aka.ms/pscore6>

PS C:\WINDOWS\system32> nvm ls

6.9.5

PS C:\WINDOWS\system32> nvm install latest

Downloading node.js version 19.5.0 (64-bit)...

Extracting node and npm...

Complete

npm v9.3.1 installed successfully.

Installation complete. If you want to use this version, type

nvm use 19.5.0

PS C:\WINDOWS\system32> nvm ls

19.5.0

6.9.5

PS C:\WINDOWS\system32> nvm list available

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.5.0	18.13.0	0.12.18	0.11.16
19.4.0	18.12.1	0.12.17	0.11.15
19.3.0	18.12.0	0.12.16	0.11.14
19.2.0	16.19.0	0.12.15	0.11.13
19.1.0	16.18.1	0.12.14	0.11.12
19.0.1	16.18.0	0.12.13	0.11.11
19.0.0	16.17.1	0.12.12	0.11.10
18.11.0	16.17.0	0.12.11	0.11.9
18.10.0	16.16.0	0.12.10	0.11.8
18.9.1	16.15.1	0.12.9	0.11.7
18.9.0	16.15.0	0.12.8	0.11.6
18.8.0	16.14.2	0.12.7	0.11.5
18.7.0	16.14.1	0.12.6	0.11.4
18.6.0	16.14.0	0.12.5	0.11.3
18.5.0	16.13.2	0.12.4	0.11.2
18.4.0	16.13.1	0.12.3	0.11.1
18.3.0	16.13.0	0.12.2	0.11.0
18.2.0	14.21.2	0.12.1	0.9.12
18.1.0	14.21.1	0.12.0	0.9.11
18.0.0	14.21.0	0.10.48	0.9.10

This is a partial list. For a complete list, visit <https://nodejs.org/en/download/releases>

PS C:\WINDOWS\system32> nvm use 19.5.0

Now using node v19.5.0 (64-bit)

**A coisa deu trabalho instalei e desinstalei o node e suas versoes e baixei a mais atual
Fora o npm e o nvm que baixei e instalei da própria microsoft isso pode futuramente
umplicar em erros no tutorial ficar de olho
Fora os links deixo as telas com os comandos de versões que devem ser compatíveis
Só ficar de olho nas telas**

Installation complete. If you want to use this version, type

`nvm use 19.5.0`

PS C:\WINDOWS\system32> `nvm ls`

19.5.0

6.9.5

PS C:\WINDOWS\system32> `nvm list available`

CURRENT	LTS	OLD STABLE	OLD UNSTABLE
19.5.0	18.13.0	0.12.18	0.11.16
19.4.0	18.12.1	0.12.17	0.11.15
19.3.0	18.12.0	0.12.16	0.11.14
19.2.0	16.19.0	0.12.15	0.11.13
19.1.0	16.18.1	0.12.14	0.11.12
19.0.1	16.18.0	0.12.13	0.11.11
19.0.0	16.17.1	0.12.12	0.11.10
18.11.0	16.17.0	0.12.11	0.11.9
18.10.0	16.16.0	0.12.10	0.11.8
18.9.1	16.15.1	0.12.9	0.11.7
18.9.0	16.15.0	0.12.8	0.11.6
18.8.0	16.14.2	0.12.7	0.11.5
18.7.0	16.14.1	0.12.6	0.11.4
18.6.0	16.14.0	0.12.5	0.11.3
18.5.0	16.13.2	0.12.4	0.11.2
18.4.0	16.13.1	0.12.3	0.11.1
18.3.0	16.13.0	0.12.2	0.11.0
18.2.0	14.21.2	0.12.1	0.9.12
18.1.0	14.21.1	0.12.0	0.9.11
18.0.0	14.21.0	0.10.48	0.9.10

This is a partial list. For a complete list, visit <https://nodejs.org/en/download/releases>

PS C:\WINDOWS\system32> `nvm use 19.5.0`

Now using node v19.5.0 (64-bit)

PS C:\WINDOWS\system32> `npm --version`

8.5.5

PS C:\WINDOWS\system32> `npm install npm@latest -g`

npm ERR! Argument starts with non-ascii dash, this is probably invalid: -g

npm ERR! EINVALIDTAGNAME

npm ERR! Invalid tag name "-g" of package "-g": Tags may not have any characters that encodeURIComponent encodes.

npm ERR! A complete log of this run can be found in:

npm ERR! C:\Users\brito\AppData\Local\npm-cache_logs\2023-01-27T19_18_51_743Z-debug-0.log

PS C:\WINDOWS\system32> `npm --version`

8.5.5

PS C:\WINDOWS\system32>

▼ TERMINAL

```
PS E:\NODE-BASICS\03http> cd..
```

```
PS E:\NODE-BASICS> npm install -g nodemon
```

changed 32 packages in 1s

3 packages are looking for funding

run `npm fund` for details

```
PS E:\NODE-BASICS> 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: (basics)

version: (1.0.0)

description:

git repository:

keywords:

author:

license: (ISC)

About to write to E:\NODE-BASICS\package.json:

```
{  
  "name": "basics",
```

▼ TERMINAL

Is this OK? (yes)

PS E:\NODE-BASICS> npm install -g nodemon

changed 32 packages in 1s

3 packages are looking for funding

run `npm fund` for details

PS E:\NODE-BASICS>

PS E:\NODE-BASICS> node app.js

Error: Cannot find module 'E:\NODE-BASICS\app.js'

at Module._resolveFilename (node:internal/modules/cjs/loader:1060:15)

at Module._load (node:internal/modules/cjs/loader:905:27)

at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:83:12)

at node:internal/main/run_main_module:23:47 {

code: 'MODULE_NOT_FOUND',

requireStack: []

Node.js v19.5.0

PS E:\NODE-BASICS> cd 03http

PS E:\NODE-BASICS\03http> node app.js

PS E:\NODE-BASICS\03http> nodemon app.js

nodemon : O termo 'nodemon' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.

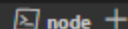
No linha:1 caractere:1

+ nodemon app.js

+ ~~~~~

+ CategoryInfo : ObjectNotFound: (nodemon:String) [], CommandNotFoundException

▼ TERMINAL



```
PS E:\NODE-BASICS\03http> npm start
npm ERR! Missing script: "start"
npm ERR!
npm ERR! Did you mean one of these?
npm ERR!   npm star # Mark your favorite packages
npm ERR!   npm stars # View packages marked as favorites
npm ERR!
npm ERR!   npm run

npm ERR! A complete log of this run can be found in:
npm ERR!     C:\Users\brito\AppData\Local\npm-cache\_logs\2023-01-27T19_26_19_994Z-debug-0.log
PS E:\NODE-BASICS\03http> nodemon app.js
nodemon : O termo 'nodemon' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a
grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.
No linha:1 caractere:1
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (nodemon:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS E:\NODE-BASICS\03http> nodemon ./localhost:8080 app.js
nodemon : O termo 'nodemon' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a
grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.
No linha:1 caractere:1
PS E:\NODE-BASICS\03http> nodemon -h
nodemon : O termo 'nodemon' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a
grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.
No linha:1 caractere:1
+ nodemon -h
+ ~~~~~
```

▼ TERMINAL

grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho est
No linha:1 caractere:1

PS E:\NODE-BASICS\03http> nodemon -h

nodemon : O termo 'nodemon' não é reconhecido como nome de cmdlet, função,
grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho est
No linha:1 caractere:1

+ nodemon -h

+ ~~~~~

+ CategoryInfo : ObjectNotFound: (nodemon:String) [], CommandF
+ FullyQualifiedErrorId : CommandNotFoundException

PS E:\NODE-BASICS\03http>

* History restored

PS E:\NODE-BASICS> cd 03http

PS E:\NODE-BASICS\03http> nodemon app.js

[nodemon] 2.0.20

[nodemon] to restart at any time, enter `rs`

[nodemon] watching path(s): *.*

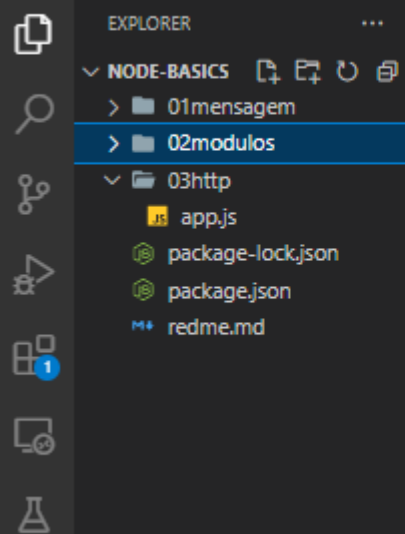
[nodemon] watching extensions: js,mjs,json

[nodemon] starting `node app.js`

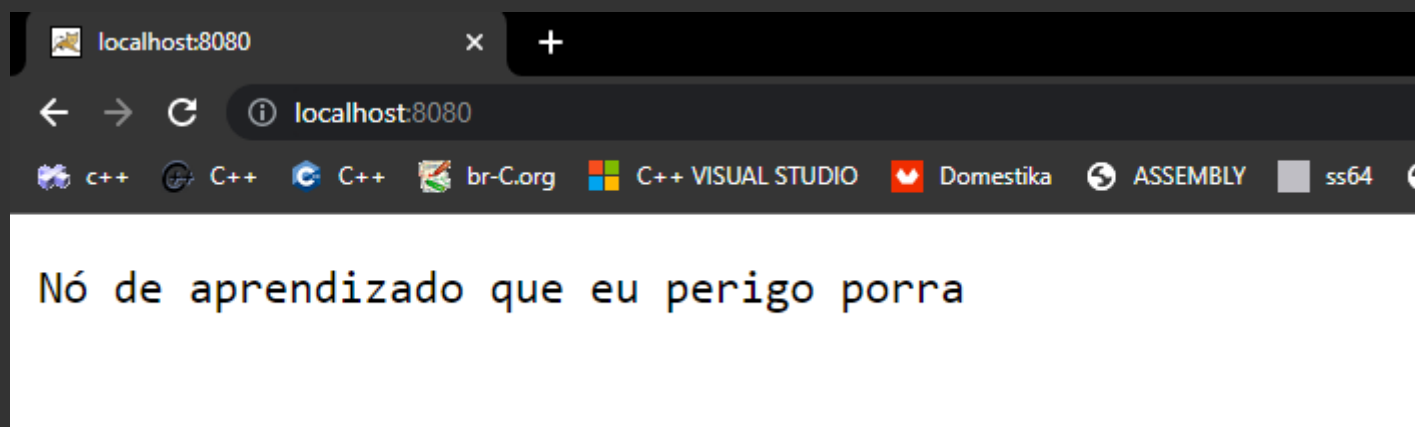
[nodemon] restarting due to changes...

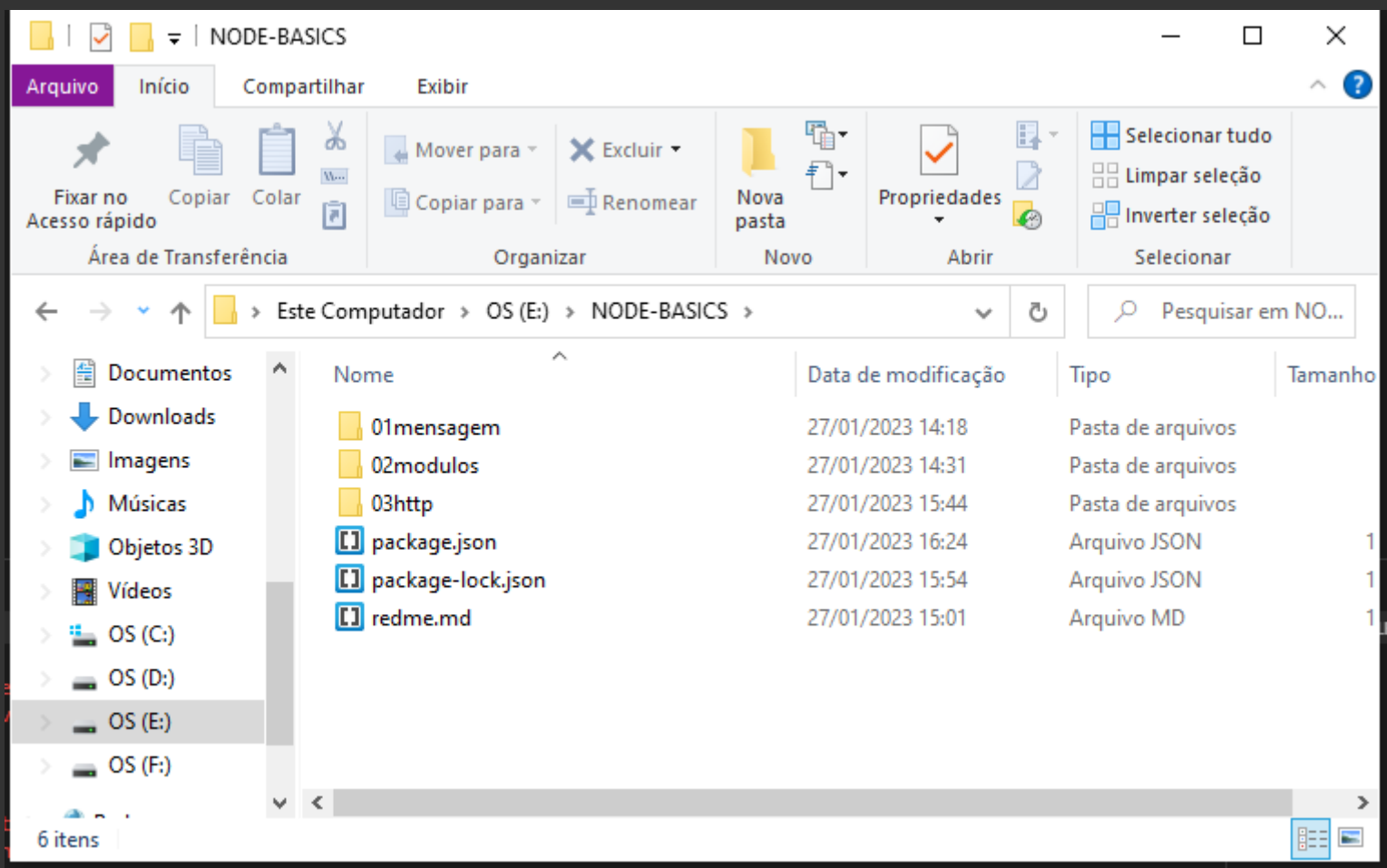
[nodemon] starting `node app.js`

|



```
app.js x
03http > app.js > http.createServer() callback
1 // IMPORTAR O MODULO HTTP
2 var http = require("http");
3
4 // CRIAR SERVIDOR
5 http.createServer(function(req, res){
6     res.write("Aprendendo node que perigo porra");
7     res.end();
8 }).listen(8080);
9
```





Por fimabri e fechei o code e deu certo ufaa! Mas me perde em como e o que resolveu mais o importante é rodar não esquecer de ler sobre pra entender a resolver

