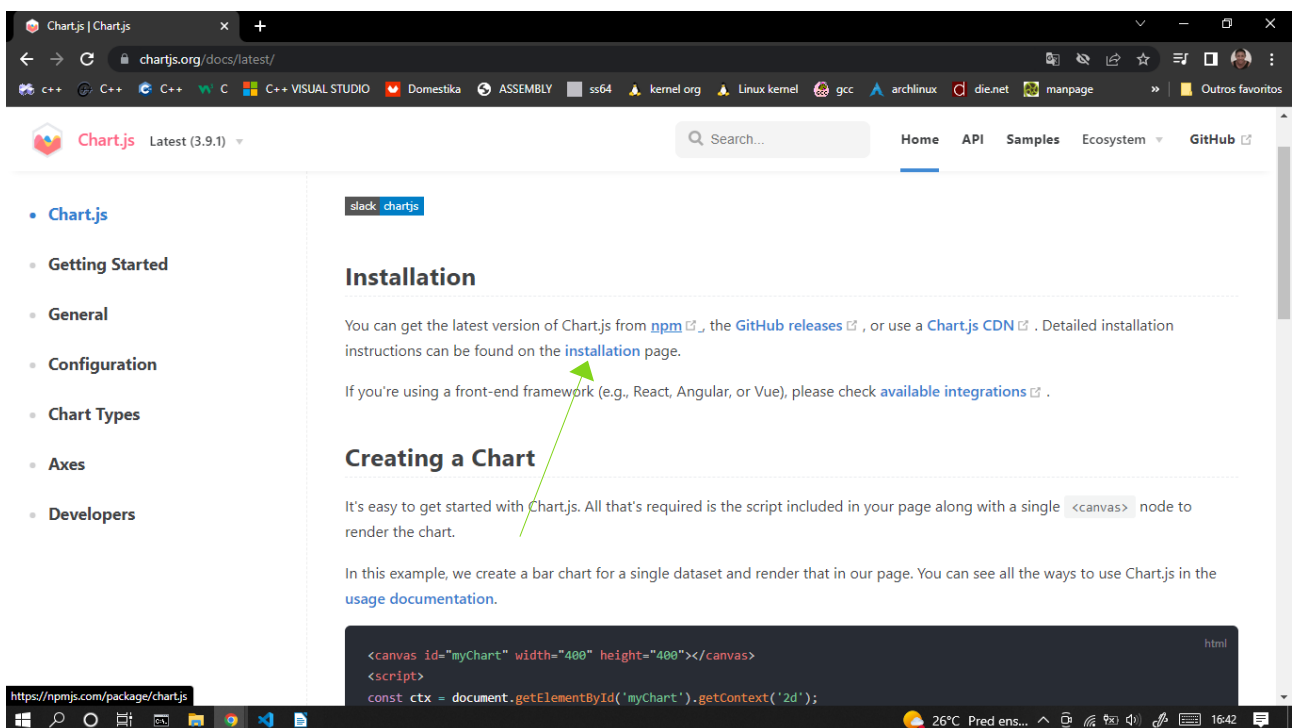
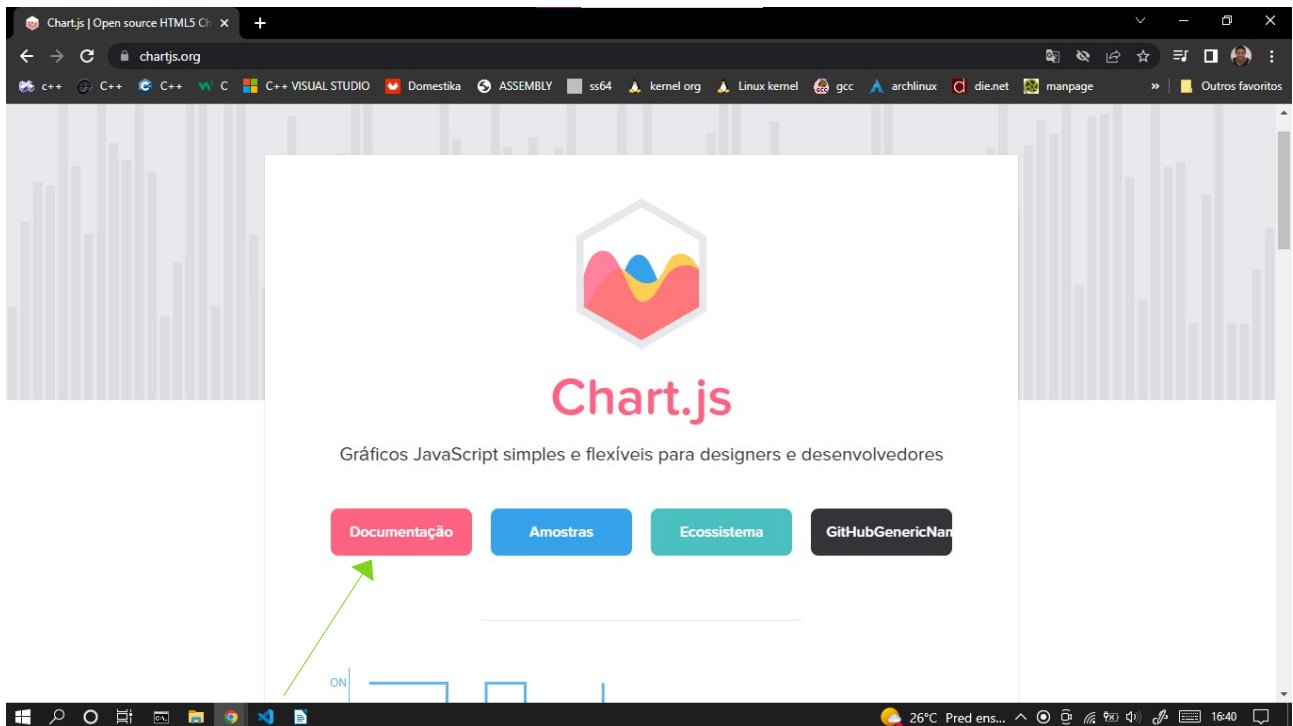
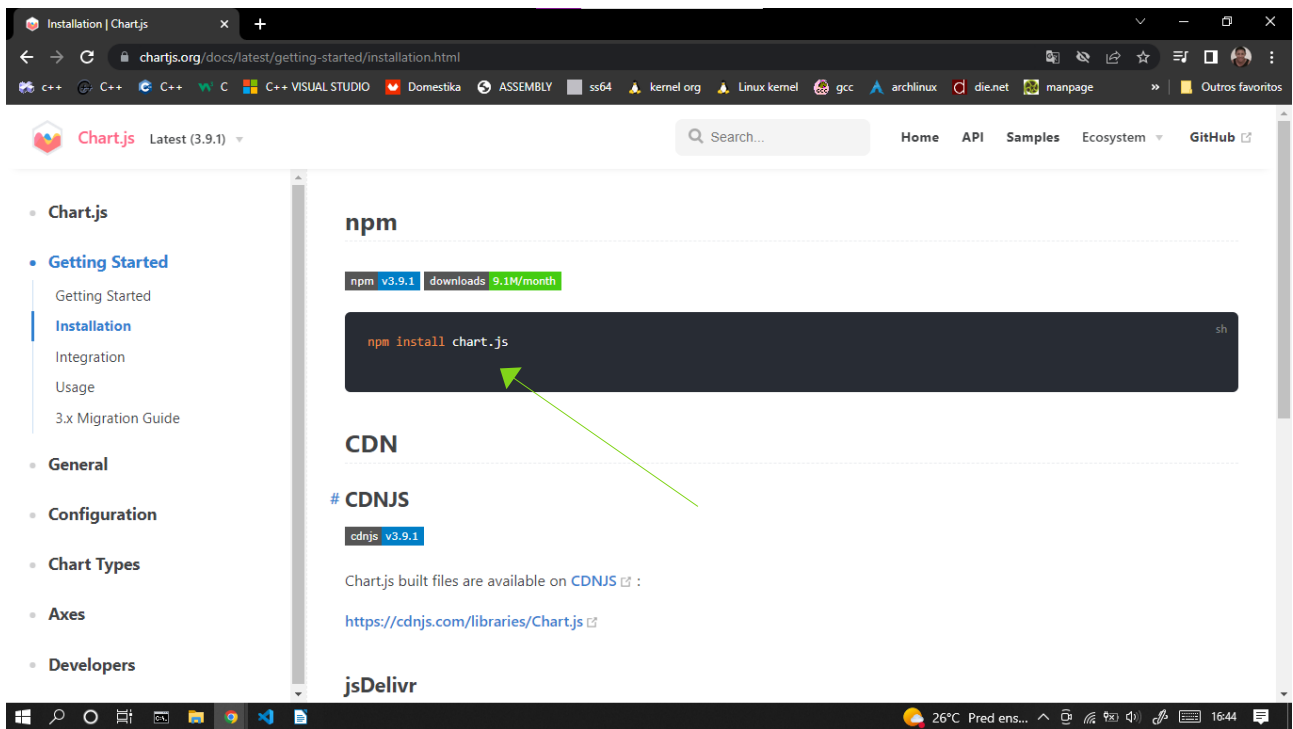


CHART JS

GRÁFICOS EM JAVASCRIPT

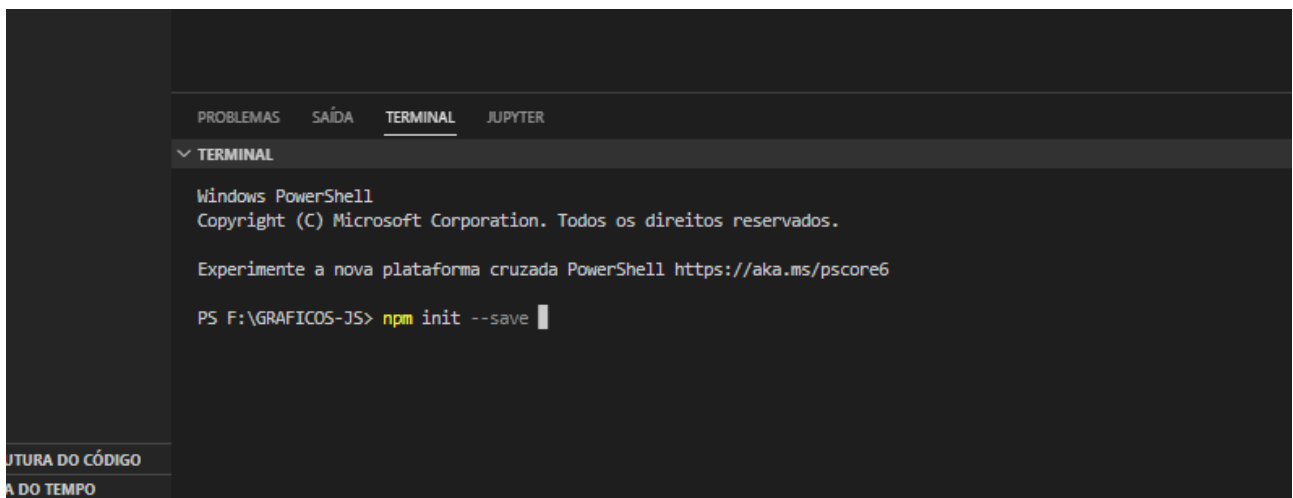
1. Crie uma pasta nomei-a e abra ela com o vs code.



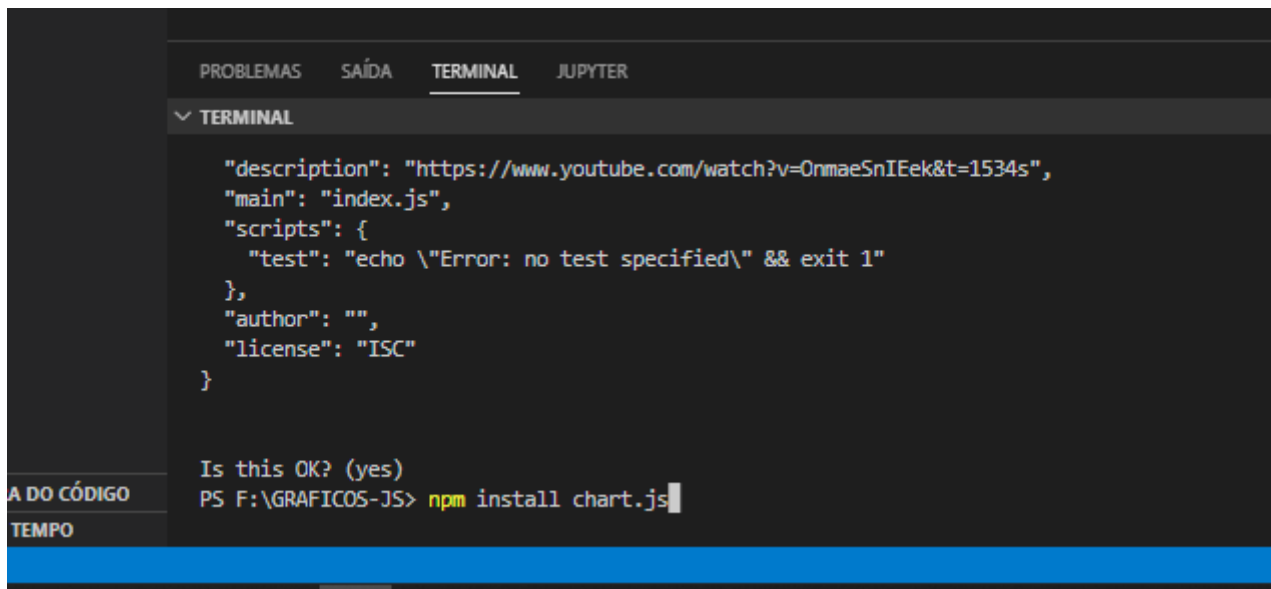


Vamos instalar via npm com nodejs.

Abra seu terminal ou o cmd na pasta do projeto e inicie um projeto npm
npm init



Agora instale o charts.js.

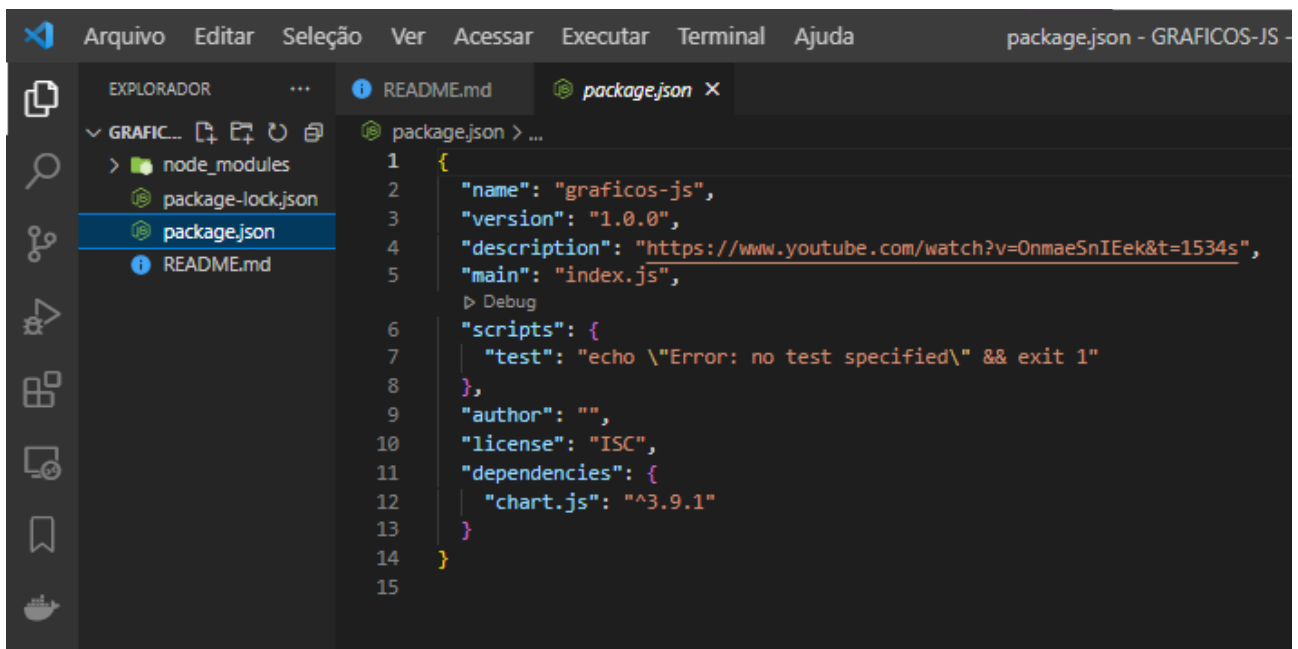


The image shows a VS Code terminal window with the 'TERMINAL' tab selected. The terminal displays the contents of a `package.json` file:

```
"description": "https://www.youtube.com/watch?v=OnmaeSnIEek&t=1534s",
"main": "index.js",
"scripts": {
  "test": "echo \"Error: no test specified\" && exit 1"
},
"author": "",
"license": "ISC"
}
```

Below the JSON, the prompt 'Is this OK? (yes)' is visible. At the bottom, a command prompt shows the command `PS F:\GRAFICOS-JS> npm install chart.js` being entered.

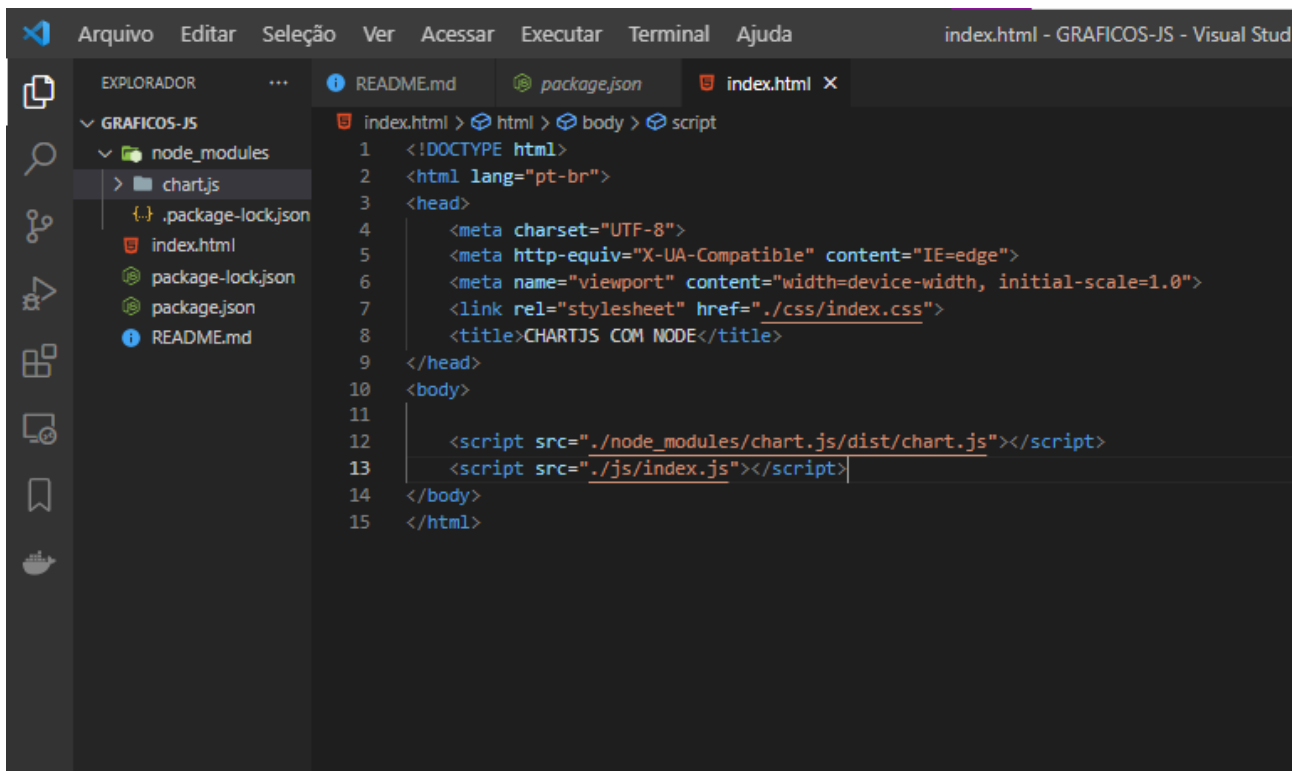
confira o package.json.



The image shows a VS Code editor window with the 'package.json' file open. The file content is as follows:

```
1 {
2   "name": "graficos-js",
3   "version": "1.0.0",
4   "description": "https://www.youtube.com/watch?v=OnmaeSnIEek&t=1534s",
5   "main": "index.js",
6   "scripts": {
7     "test": "echo \"Error: no test specified\" && exit 1"
8   },
9   "author": "",
10  "license": "ISC",
11  "dependencies": {
12    "chart.js": "^3.9.1"
13  }
14 }
```

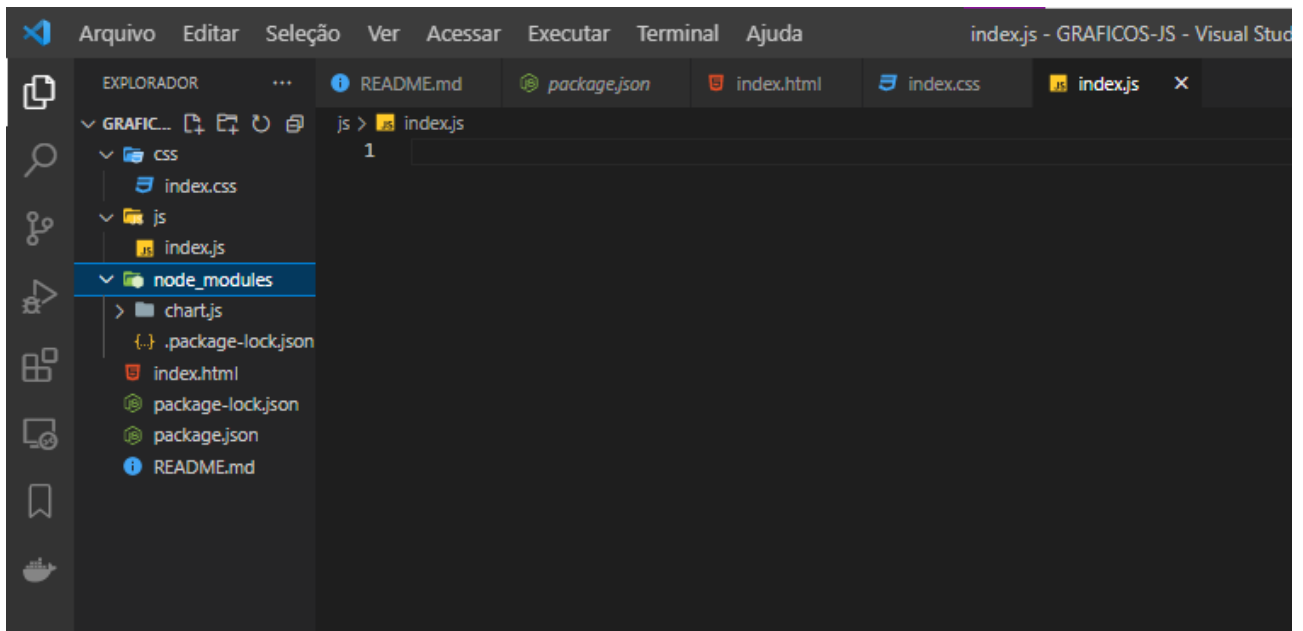
Crie agora o arquivo index.html.
E todos os outros arquivos que mostrarei em suas respectivas pastas.



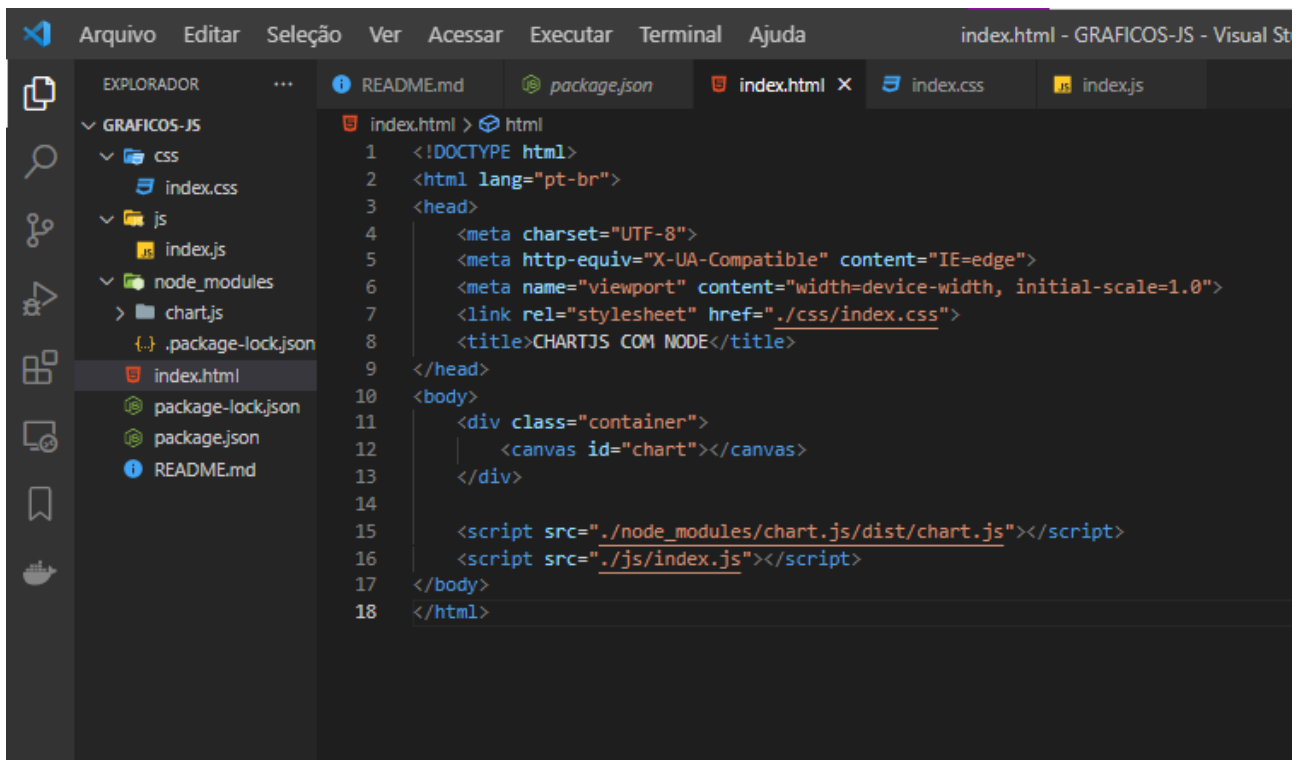
crie uma pasta css e dentro o arquivos index.css
crie uma pasta js e dentro o arquivo index.js
adicione uma tag script com o caminho da pasta:
./node_modules/chart.js/dist/chart.js

essa pasta foi criada com o comando que demos e temos que usar esse arquivo chart.js
observe que tambem podemos usar o chart com cdn mais aqui uso o nodejs. Com npm.

Pastas e suas estruturas:

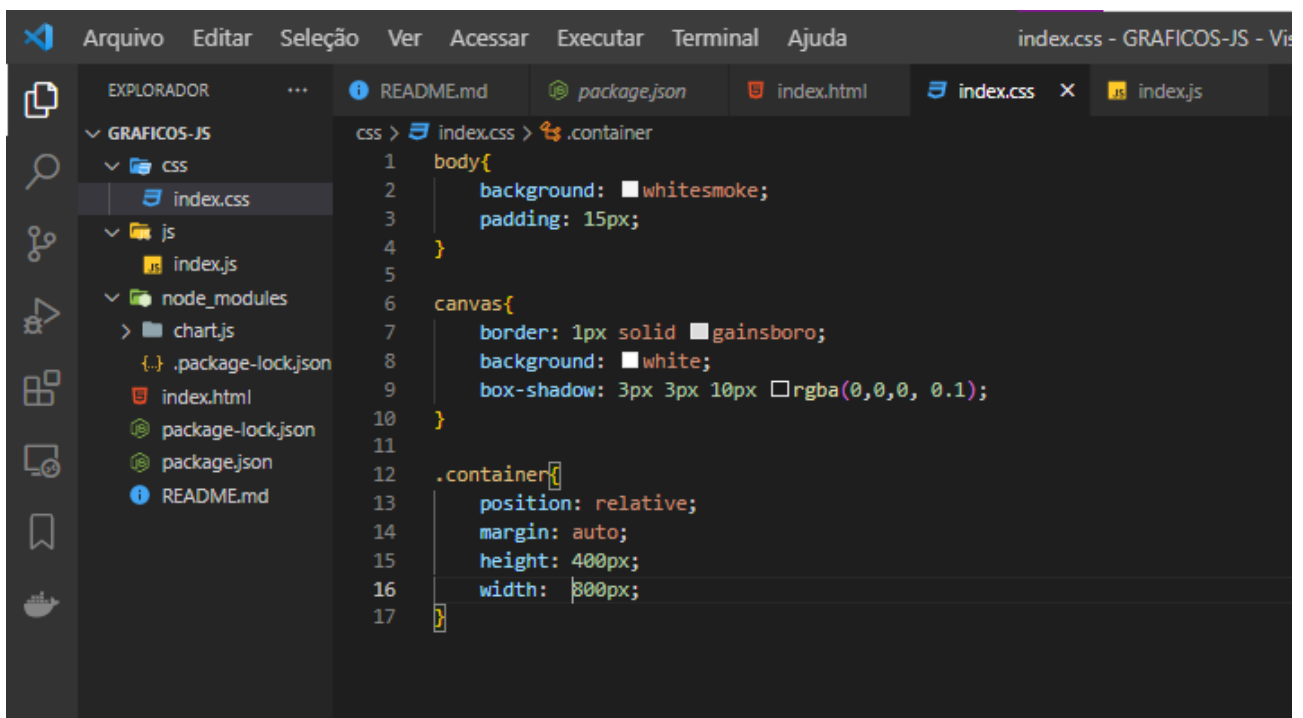


crie uma tag canvas no html



```
1 <!DOCTYPE html>
2 <html lang="pt-br">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="./css/index.css">
8   <title>CHARTJS COM NODE</title>
9 </head>
10 <body>
11   <div class="container">
12     <canvas id="chart"></canvas>
13   </div>
14
15   <script src="./node_modules/chart.js/dist/chart.js"></script>
16   <script src="./js/index.js"></script>
17 </body>
18 </html>
```

edite o arquivo css.



```
1 body{
2   background: whitesmoke;
3   padding: 15px;
4 }
5
6 canvas{
7   border: 1px solid gainsboro;
8   background: white;
9   box-shadow: 3px 3px 10px rgba(0,0,0, 0.1);
10 }
11
12 .container{
13   position: relative;
14   margin: auto;
15   height: 400px;
16   width: 300px;
17 }
```

resultado com o golive.

