



escola
britânica de
artes criativas
& tecnologia

Profissão: Engenheiro Front-End



Automação de tarefas com o Gulp



GUIA DA AULA 6



Minifique JS com o Gulp



Acompanhe aqui
os temas que
serão tratados
na videoaula

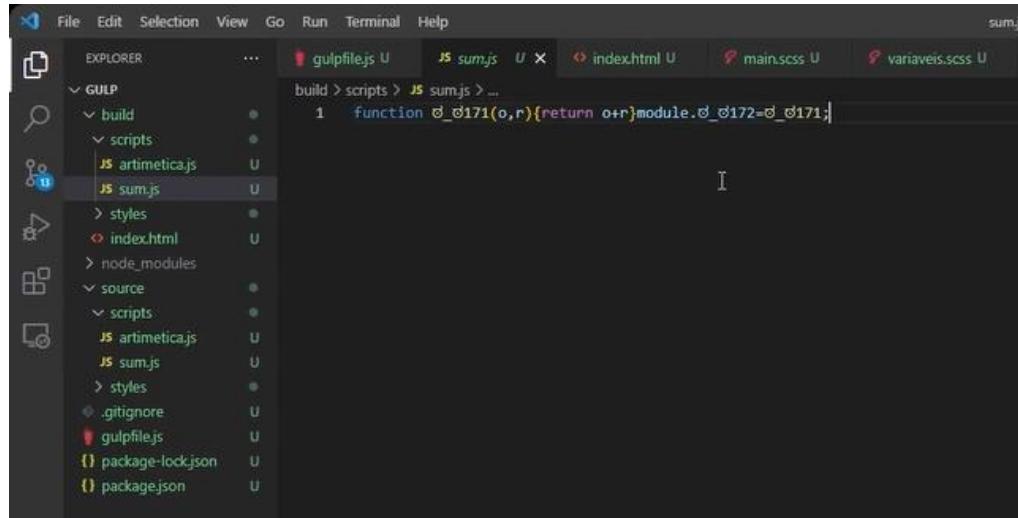
- **Plugin obsfucate**

- **Plugin
imagemin**



Plugin obfuscate

Esse *plugin* torna o código ilegível:



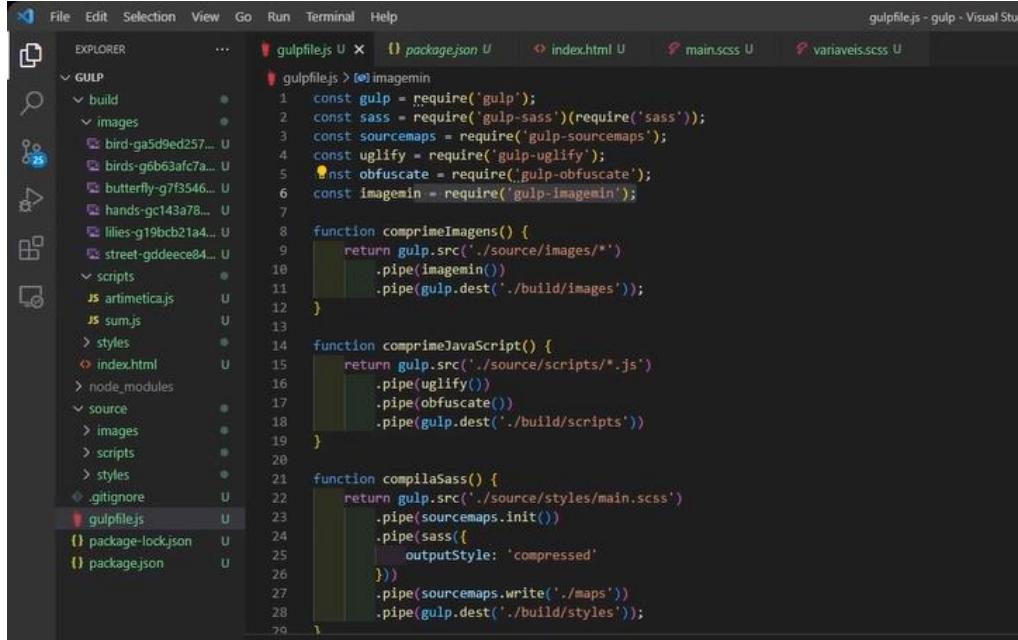
```
build > scripts > sum.js > ...
1   function _171(o,r){return o+r}module._172=_171;
```

A documentação pode ser visualizada no *link*:

<https://www.npmjs.com/package/gulp-obfuscate>;



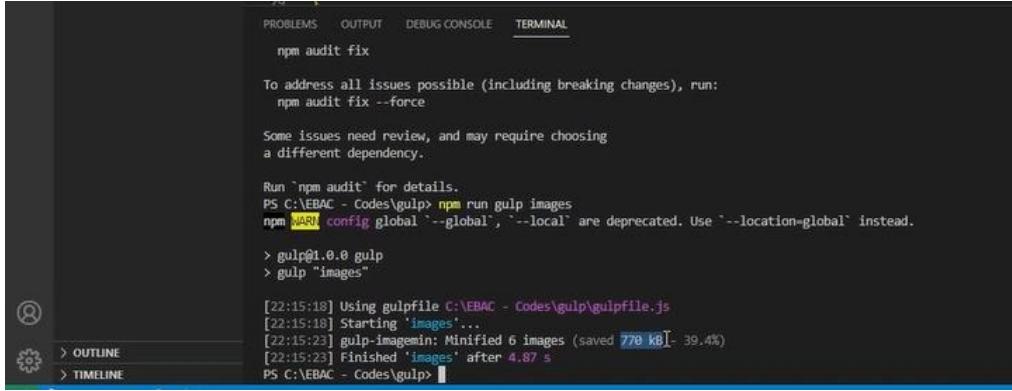
Plugin imagemin



```
gulpfile.js U x package.json U index.html U main.scss U vanaveis.scss U
File Edit Selection View Go Run Terminal Help
GULP
build
  images
    bird-ga5d9ed257... U
    birds-g6b63afc7a... U
    butterfly-g7f3546... U
    hands-gc143a78... U
    lilies-g19bcd21a4... U
    street-gdece084... U
  scripts
    aritmeticas.js U
    sum.js U
  styles
  source
    images
    scripts
    styles
    .gitignore U
  gulpfile.js U
  package-lock.json U
  package.json U

1 const gulp = require('gulp');
2 const sass = require('gulp-sass')(require('sass'));
3 const sourcemaps = require('gulp-sourcemaps');
4 const uglify = require('gulp-uglify');
5 const obfuscate = require('gulp-obfuscate');
6 const imagemin = require('gulp-imagemin');
7
8 function compprimeImagens() {
9   return gulp.src('./source/images/*')
10    .pipe(imagemin())
11    .pipe(gulp.dest('./build/images'));
12 }
13
14 function compprimeJavaScipt() {
15   return gulp.src('./source/scripts/*.js')
16    .pipe(uglify())
17    .pipe(obfuscate())
18    .pipe(gulp.dest('./build/scripts'));
19 }
20
21 function compilaSass() {
22   return gulp.src('./source/styles/main.scss')
23    .pipe(sourcemaps.init())
24    .pipe(sass({
25      outputStyle: 'compressed'
26    }))
27    .pipe(sourcemaps.write('./maps'))
28    .pipe(gulp.dest('./build/styles'));
29 }
```





```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
npm audit fix

To address all issues possible (including breaking changes), run:
npm audit fix --force

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.
PS C:\EBAC - Codes\gulp> npm run gulp images
npm WARN config global` '--global', '--local' are deprecated. Use '--location=global' instead.

> gulp@1.0.0 gulp
> gulp "images"

[22:15:18] Using gulpfile C:\EBAC - Codes\gulp\gulpfile.js
[22:15:18] Starting 'images'...
[22:15:23] gulp-imagemin: Minified 6 images (saved 770 kB [- 39.4%])
[22:15:23] Finished 'images' after 4.87 s
PS C:\EBAC - Codes\gulp>
```

A documentação do *plugin* está no *link*:

[https://www.npmjs.com/package/gulp-imagemin.](https://www.npmjs.com/package/gulp-imagemin)

