



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

● Plugin obsfucate

● Plugin
imagemin

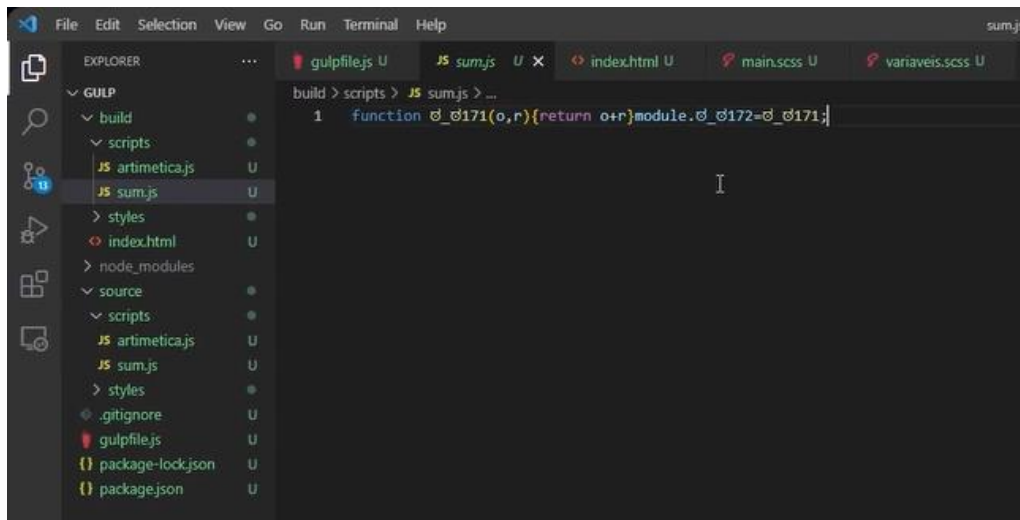


Acompanhe aqui
os temas que
serão tratados
na videoaula



Plugin obfuscate

Esse *plugin* torna o código ilegível:



```

1 function 0_0171(o,r){return o+r;}module.0_0172=0_0171;|

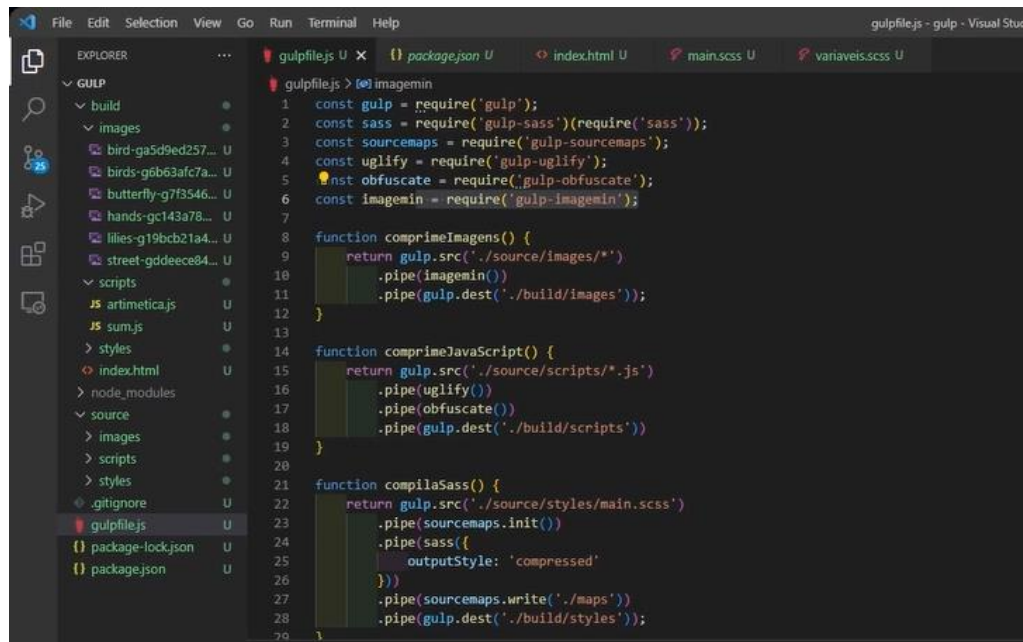
```

A documentação pode ser visualizada no *link*:

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



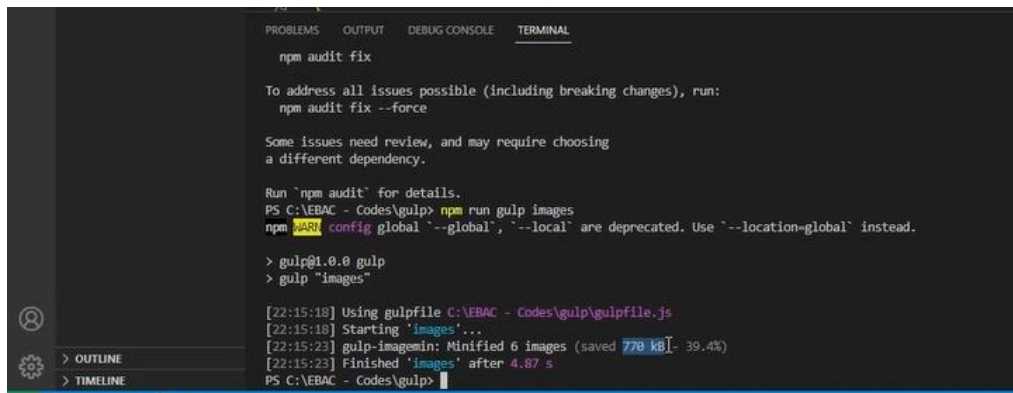
Plugin imagemin



```

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 comprimeImagens() {
9    return gulp.src('./source/images/*')
10     .pipe(imagemin())
11     .pipe(gulp.dest('./build/images'));
12  }
13
14  function comprimeJavaScript() {
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  }
  
```





```
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>.

