


Экспериментальная проверка корректности
функционирования (тестирование) веб-
приложений

I. Установка и настройка линтера кода на языке JavaScript

```
yarn init v1.22.10
warning The yes flag has been set. This will automatically answer yes to all questions, which may have security implications.
success Saved package.json
🌟 Done in 0.04s.
```



ESLint

dbaeumer.vscode-eslint

Dirk Baeumer | 15 126 182 | ★★★★★ | Repository | License | v2.1

Integrates ESLint JavaScript into VS Code.

[Disable](#) [Uninstall](#) [⌵](#) ⚙️ *This extension is enabled globally.*

This extension is recommended based on the files you recently opened.

Установка линтера в проект

```
export PKG=eslint-config-airbnb;  
npm info "$PKG@latest" peerDependencies --json | command sed 's/[\{\},]//g ; s  
/: /@/g' | xargs npm install --save-dev "$PKG@latest"  
)  
  
added 216 packages, and audited 217 packages in 13s  
  
48 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities
```

```
{  
  "extends": "airbnb",  
  "rules": {  
    "no-console": 0  
  }  
}
```

Линтер выделяет ошибочный синтаксис

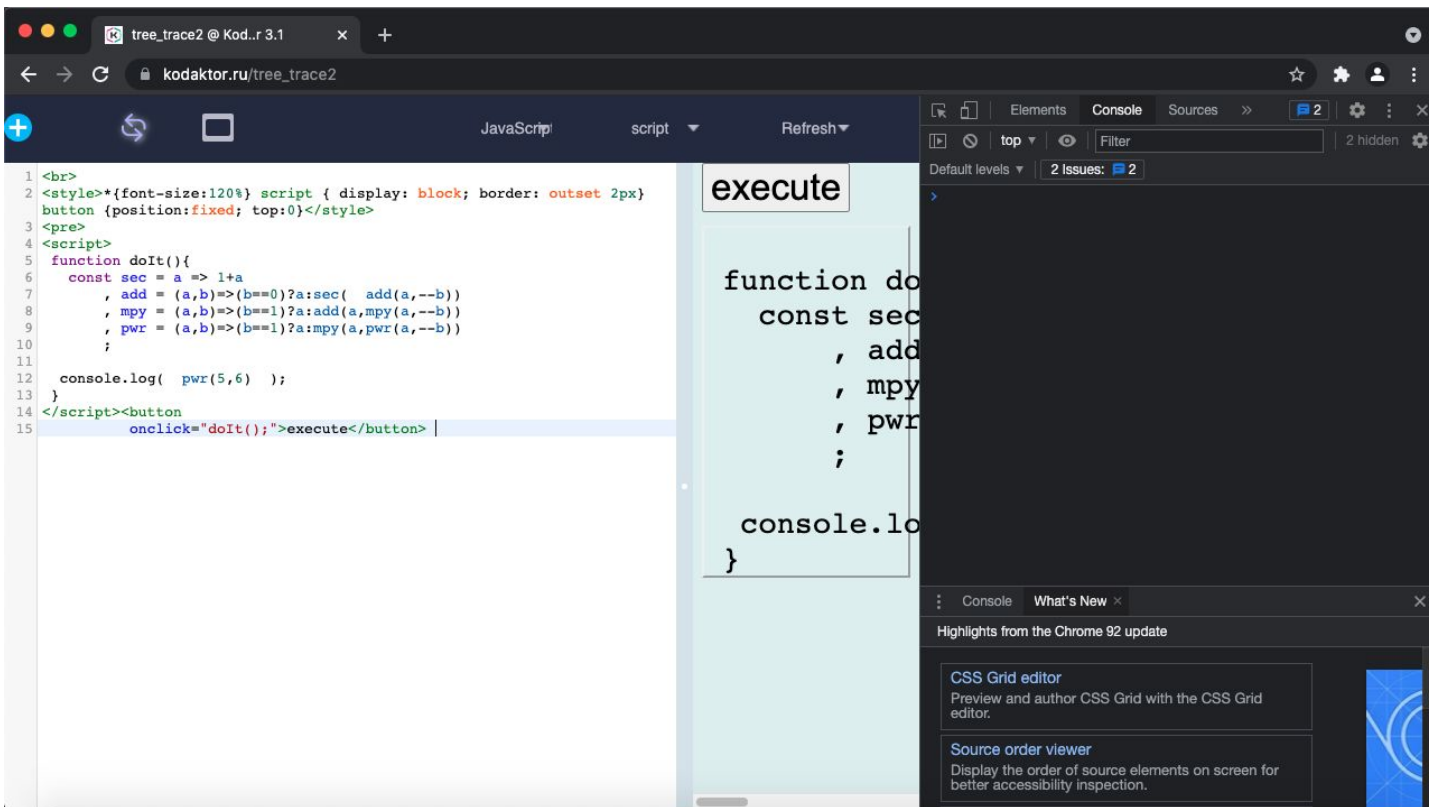
```
JS index.js 7 x {} .eslintrc  
JS index.js > ...  
1 function sayHello(name){return `Hello, ${name}`};
```

```
JS index.js 7  
💡 'sayHello' is defined but never used. eslint(no-unused-vars) [1, 10]  
⊗ Requires a space after '{'. eslint(block-spacing) [1, 24]  
⊗ Missing space before opening brace. eslint(space-before-blocks) [1, 24]  
⊗ Requires a space before '}'. eslint(block-spacing) [1, 48]  
⊗ Missing semicolon. eslint(semi) [1, 48]  
⊗ Unnecessary semicolon. eslint(no-extra-semi) [1, 49]  
⊗ Newline required at end of file but not found. eslint(eol-last) [1, 50]
```

Проделанные исправления

```
JS index.js > ...  
1  function sayHello(name) {  
2    |   return `Hello, ${name}`;  
3  }  
4  console.log(sayHello('Danila'));  
5
```

II. Использование средств разработчика браузера Chrome



Пороговые значения - 5 и 6

```
✖ ▶ Uncaught RangeError: Maximum call stack size exceeded VM113:4
    at add (<anonymous>:4:16)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
    at add (<anonymous>:4:38)
```

```
console.log( pwr(5,6) );
```