

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Домашняя работа 3: CSS-переменные, темизация сайта
средствами CSS

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Задание

В рамках данной работы необходимо изучить основные команды пакетного менеджера NPM и научиться запускать проект на Vue.

Ход работы

Установка глобально vue и vue-cli

```
o-khairnasov at 1111552226 in /Users/o-khairnasov/WebstormProjects/hw5 1 (0.418s)
$ npm install -g @vue/cli
npm WARN deprecated url@0.11.0: Please see https://github.com/lydell/url#deprecated
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprecated
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolve#deprecated
npm WARN deprecated apollo-datasource@3.3.2: The 'apollo-datasource' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-plugin-base@3.7.1: The 'apollo-server-plugin-base' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/server' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-errors@3.3.1: The 'apollo-server-errors' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/server' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-reporting-protobuf@3.3.3: The 'apollo-reporting-protobuf' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/usage-reporting-protobuf' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-env@4.2.1: The 'apollo-server-env' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/utils.fetcher' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-types@3.7.1: The 'apollo-server-types' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/server' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-core@3.11.1: The 'apollo-server-core' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/server' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated subscriptions-transport-ws@0.11.0: The 'subscriptions-transport-ws' package is no longer maintained. We recommend you use 'graphql-ws' instead. For help migrating Apollo software to 'graphql-ws', see https://www.apollographql.com/docs/apollo-server/data/subscriptions/#switching-from-subscriptions-transport-ws. For general help using 'graphql-ws', see https://github.com/enisdenjo/graphql-ws/blob/master/README.md
npm WARN deprecated apollo-server-express@3.11.1: The 'apollo-server-express' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the '@apollo/server' package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.

added 852 packages, and audited 853 packages in 40s

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

4 vulnerabilities (2 moderate, 2 high)

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

Run `npm audit` for details.
npm notice
npm notice New major version of npm available! 8.19.2 -> 9.3.1
npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.3.1
npm notice Run `npm install -g npm@9.3.1` to update!
npm notice
```

Инициализация проекта и выбор параметров установки

```
a-khairnasov at i111352226 in /Users/a-khairnasov/WebstormProjects/hw5
λ npm init vue@latest
Need to install the following packages:
  create-vue@3.5.0
Ok to proceed? (y)

Vue.js - The Progressive JavaScript Framework

✓ Project name:      t
✓ Add TypeScript?    No   Yes
✓ Add JSX Support?    No   Yes
✓ Add Vue Router for Single Page Application development?  No   Yes
✓ Add Pinia for state management?      No   Yes
✓ Add Vitest for Unit Testing?          No   Yes
✓ Add an End-to-End Testing Solution?   No
✓ Add ESLint for code quality?          No   Yes
✓ Add Prettier for code formatting?     No   Yes

Scaffolding project in /Users/a-khairnasov/WebstormProjects/hw5/t...

Done. Now run:

  cd t
  npm install
  npm run dev
```

Установка зависимостей

```
a-khairnasov at i111352226 in /Users/a-khairnasov/WebstormProjects/hw5
λ ./t; npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead

added 146 packages, and audited 147 packages in 11s

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

found 0 vulnerabilities
```

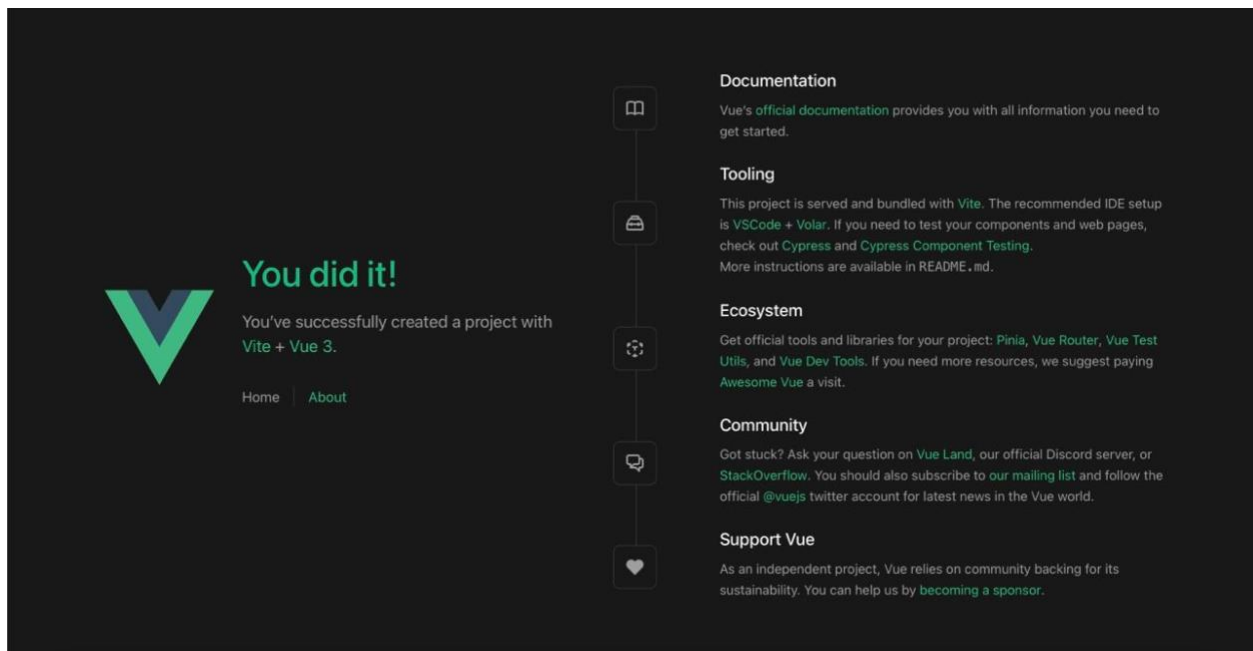
Изменения в файле package.json

```
{
  "name": "t",
  "version": "0.0.0",
  "private": true,
  "scripts": {
    "dev": "vite --port 8080",
    "build": "vite build",
    "preview": "vite preview",
    "lint": "eslint . --ext .vue,.js,.jsx,.cjs,.mjs --fix --ignore-path .gitignore"
  },
  "dependencies": {
    "pinia": "^2.0.28",
    "vue": "^3.2.45",
    "vue-router": "^4.1.6"
  },
  "devDependencies": {
    "@vitejs/plugin-vue": "^4.0.0",
    "eslint": "^8.22.0",
    "eslint-plugin-vue": "^9.3.0",
    "vite": "^4.0.0"
  }
}
```

Запуск проекта

```
VITE v4.0.4 ready in 289 ms

→ Local:   http://localhost:8080/
→ Network: use --host to expose
→ press h to show help
```



Вывод

В ходе домашней работы я создал проект на Vue, ознакомился с основными командами npm.