

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Практическая работа 5

Выполнил:

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Группа: К33412

Проверил:

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**Санкт-Петербург
2022 г.**

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

```
184@LAPTOP-SUI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina S
$ npm install -g @vue/cli
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#depre
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated apollo-datasource@3.3.2: The `apollo-datasource` package is part of Apol
  October 22nd 2023). See https://www.apollographql.com/docs/apollo-server/previous-versions/
npm WARN deprecated apollo-server-errors@3.3.1: The `apollo-server-errors` package is part o
  f-life October 22nd 2023). This package's functionality is now found in the `@apollo/server`
  rver/previous-versions/ for more details.
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resol
npm WARN deprecated apollo-server-plugin-base@3.7.1: The `apollo-server-plugin-base` package
  ted (end-of-life October 22nd 2023). This package's functionality is now found in the `@apol
  /apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-types@3.7.1: The `apollo-server-types` package is part of
  life October 22nd 2023). This package's functionality is now found in the `@apollo/server` p
  er/previous-versions/ for more details.
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated apollo-server-express@3.11.1: The `apollo-server-express` package is par
  d-of-life October 22nd 2023). This package's functionality is now found in the `@apollo/serv
  -server/previous-versions/ for more details.
npm WARN deprecated apollo-reporting-protobuf@3.3.3: The `apollo-reporting-protobuf` package
  ted (end-of-life October 22nd 2023). This package's functionality is now found in the `@apol
  lographql.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 Apol
  October 22nd 2023). This package's functionality is now found in the `@apollo/utils.fetcher
  er/previous-versions/ for more details.
npm WARN deprecated subscriptions-transport-ws@0.11.0: The `subscriptions-transport-ws` pack
  -ws` instead. For help migrating Apollo software to `graphql-ws`, see https://www.apollograp
  rom-subscriptions-transport-ws For general help using `graphql-ws`, see https://github.co
npm WARN deprecated apollo-server-core@3.11.1: The `apollo-server-core` package is part of A
  pollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This packa
  ge's functionality is now found in the `@apollo/server` package. See https://www.apollograph
  ql.com/docs/apollo-server/previous-versions/ for more details.

changed 849 packages, and audited 850 packages in 2m
```

```
changed 849 packages, and audited 850 packages in 2m

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.
```

Инициализация проекта и выбор параметров установки

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina Svetlana/HW5 (main)
$ npm init vue@latest

Vue.js - The Progressive JavaScript Framework

√ Project name: ... vue-project
√ 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 D:\итмо\фронт\ITMO-ICT-Frontend-2022\homeworks\K33412\Kulagina Svetlana\HW5\vue-project...

Done. Now run:

  cd vue-project
  npm install
  npm run dev
```

Переход в папку проекта

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina Svetlana/HW5 (main)
$ cd vue-project/

184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina Svetlana/HW5/vue-project (main)
$
```

Установка зависимостей

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina Svetlana/HW5/vue-project (main)
$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead

added 145 packages, and audited 146 packages in 15s

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

found 0 vulnerabilities
```

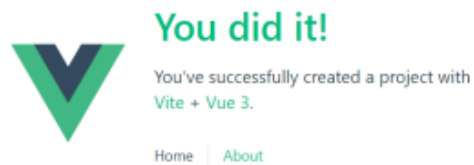
Изменения в файле package.json

```
View Go Run Terminal Help • package.json - ITMO-ICT-Frontend-2022 - Visual Studio Code
{} package.json U •
homeworks > K33412 > Kulagina Svetlana > HW5 > vue-project > {} package.json > {} devDependencies > vite
1 {
2   "name": "vue-project",
3   "version": "0.0.0",
4   "private": true,
5   "scripts": {
6     "start": "vite --port 8080",
7     "dev": "vite",
8     "build": "vite build",
9     "preview": "vite preview",
10    "lint": "eslint . --ext .vue,.js,.jsx,.cjs,.mjs --fix --ignore-path .gitignore"
11  },
12  "dependencies": {
13    "axios": "^1.2.1",
14    "bootstrap": "^5.2.3",
15    "pinia": "^2.0.28",
16    "pinia-persists": "^1.2.0",
17    "vue": "^3.2.45",
18    "vue-router": "^4.1.6"
19  },
20  "devDependencies": {
21    "@vitejs/plugin-vue": "^4.0.0",
22    "eslint": "^8.22.0",
23    "eslint-plugin-vue": "^9.3.0",
24    "vite": "^4.0.0"
25  }
26 }
```

Запуск проекта

```
VITE v4.0.2 ready in 2041 ms

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



Documentation

Vue's [official documentation](#) provides you with all information you need to get started.

Tooling

This project is served and bundled with [Vite](#). The recommended IDE setup is [VSCode](#) + [Volar](#). If you need to test your components and web pages, check out [Cypress](#) and [Cypress Component Testing](#). More instructions are available in [README.md](#).

Ecosystem

Get official tools and libraries for your project: [Pinia](#), [Vue Router](#), [Vue Test Utils](#), and [Vue Dev Tools](#). If you need more resources, we suggest paying [Awesome Vue](#) a visit.

Community

Got stuck? Ask your question on [Vue Land](#), our official Discord server, or [StackOverflow](#). You should also subscribe to our [mailing list](#) and follow the official [@vuejs](#) twitter account for latest news in the Vue world.

Support Vue

As an independent project, Vue relies on community backing for its sustainability. You can help us by [becoming a sponsor](#).

Вывод: благодаря данной домашней работе я познакомилась с vue, vue-cli, а также узнала основные команды npm