

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Домашняя работа №5

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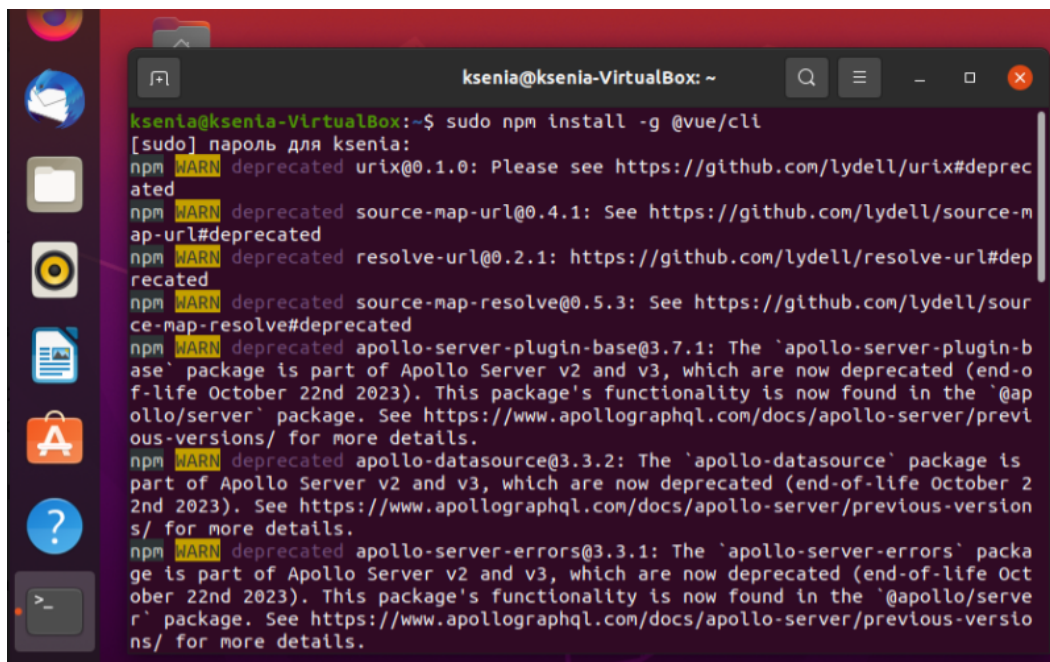
2022 г.

Задача

В рамках данной работы Вам предстоит изучить основные команды пакетного менеджера NPM и научиться стартовать проект на Vue.

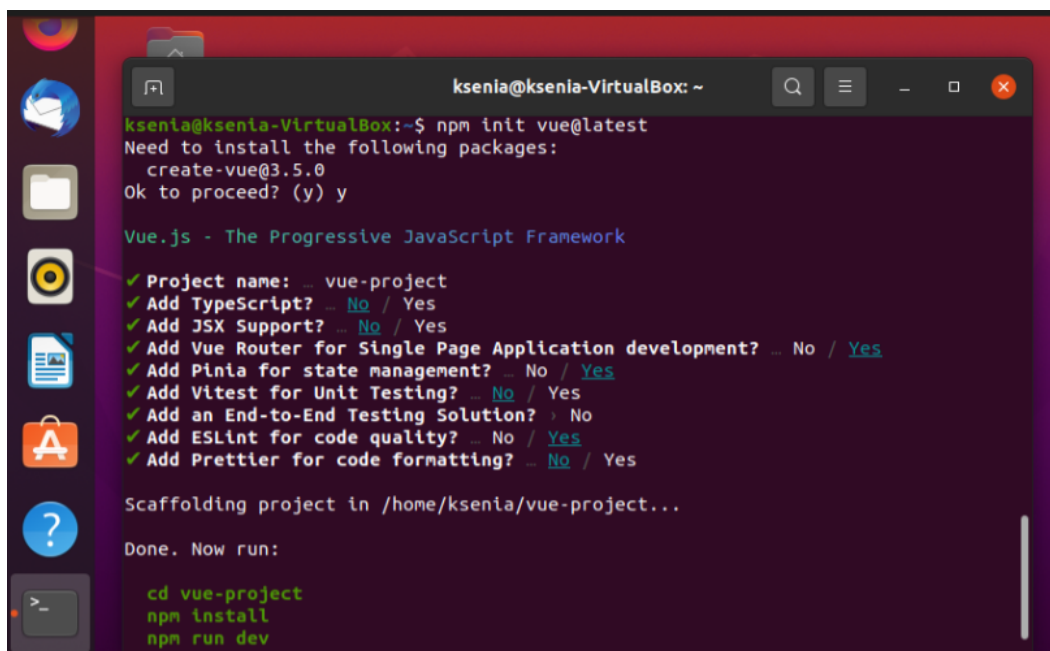
Ход работы

1) Установка vue и vue-cli:



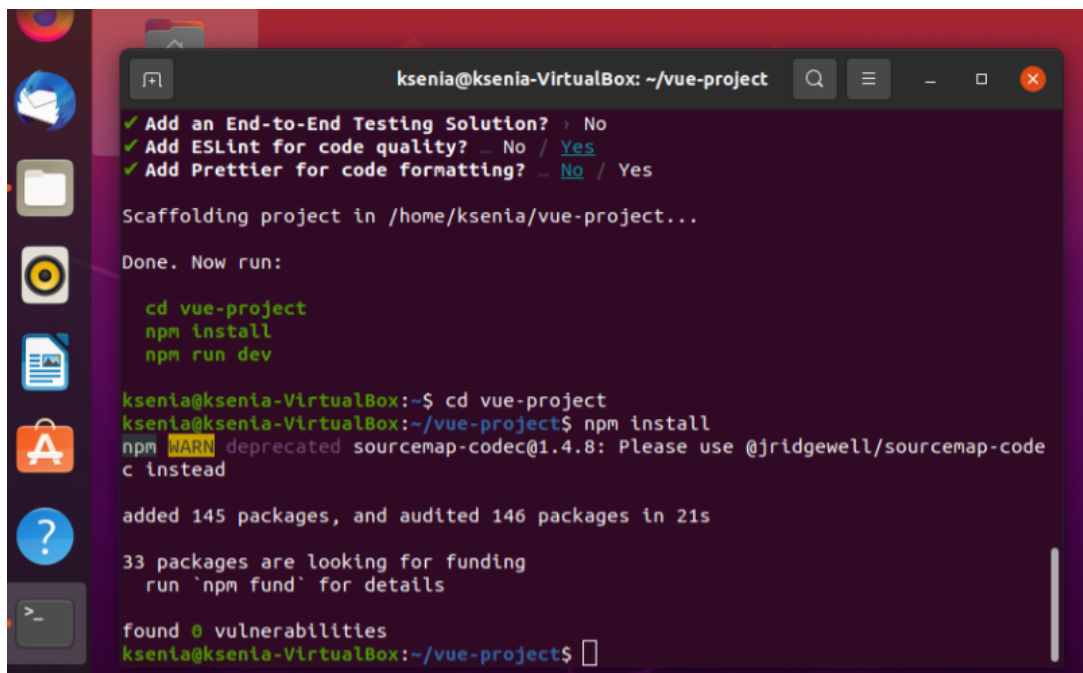
```
ksenia@ksenia-VirtualBox: ~  
ksenia@ksenia-VirtualBox:~$ sudo npm install -g @vue/cli  
[sudo] пароль для ksenia:  
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#depreca  
ted  
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-m  
ap-url#deprecated  
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#dep  
recated  
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/sour  
ce-map-resolve#deprecated  
npm WARN deprecated apollo-server-plugin-base@3.7.1: The 'apollo-server-plugin-b  
ase' package is part of Apollo Server v2 and v3, which are now deprecated (end-o  
f-life October 22nd 2023). This package's functionality is now found in the '@ap  
ollo/server' package. See https://www.apollographql.com/docs/apollo-server/previ  
ous-versions/ for more details.  
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 2  
2nd 2023). See https://www.apollographql.com/docs/apollo-server/previous-versio  
ns/ for more details.  
npm WARN deprecated apollo-server-errors@3.3.1: The 'apollo-server-errors' packa  
ge is part of Apollo Server v2 and v3, which are now deprecated (end-of-life Oct  
ober 22nd 2023). This package's functionality is now found in the '@apollo/serve  
r' package. See https://www.apollographql.com/docs/apollo-server/previous-versio  
ns/ for more details.
```

2) Инициализация проекта:



```
ksenia@ksenia-VirtualBox: ~  
ksenia@ksenia-VirtualBox:~$ npm init vue@latest  
Need to install the following packages:  
  create-vue@3.5.0  
Ok to proceed? (y) y  
  
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 /home/ksenia/vue-project...  
  
Done. Now run:  
  
  cd vue-project  
  npm install  
  npm run dev
```

3) Установка зависимостей



```
ksenia@ksenia-VirtualBox: ~/vue-project
✓ 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 /home/ksenia/vue-project...

Done. Now run:

  cd vue-project
  npm install
  npm run dev

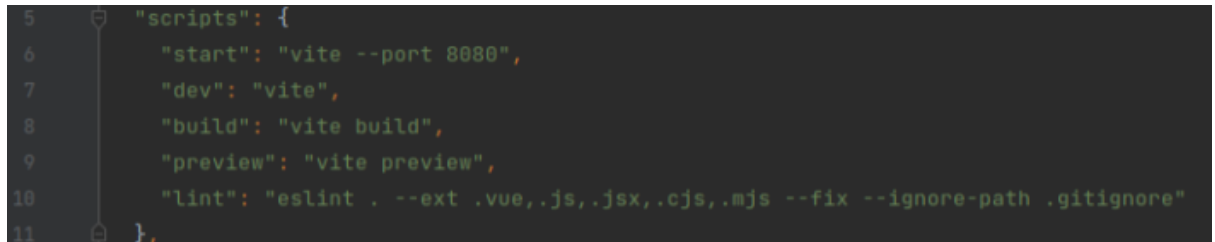
ksenia@ksenia-VirtualBox:~$ cd vue-project
ksenia@ksenia-VirtualBox:~/vue-project$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead

added 145 packages, and audited 146 packages in 21s

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

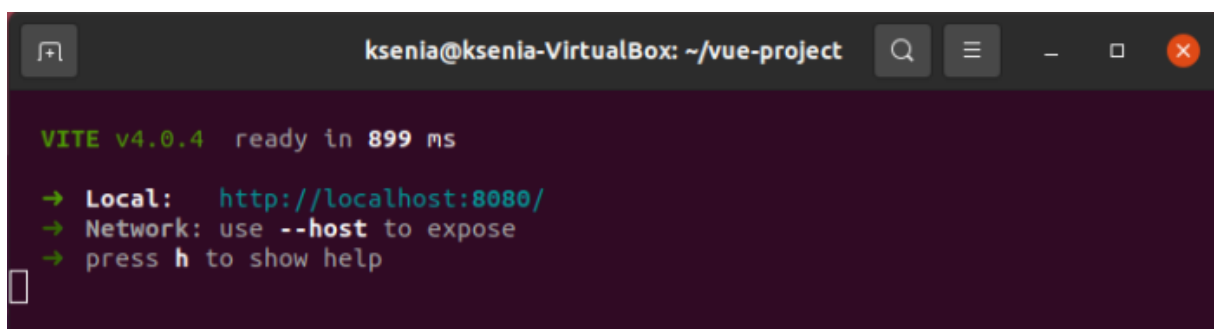
found 0 vulnerabilities
ksenia@ksenia-VirtualBox:~/vue-project$
```

4) После установки зависимостей, изменила секцию “scripts” в файле package.json:



```
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 }
```

5) Запустила проект:

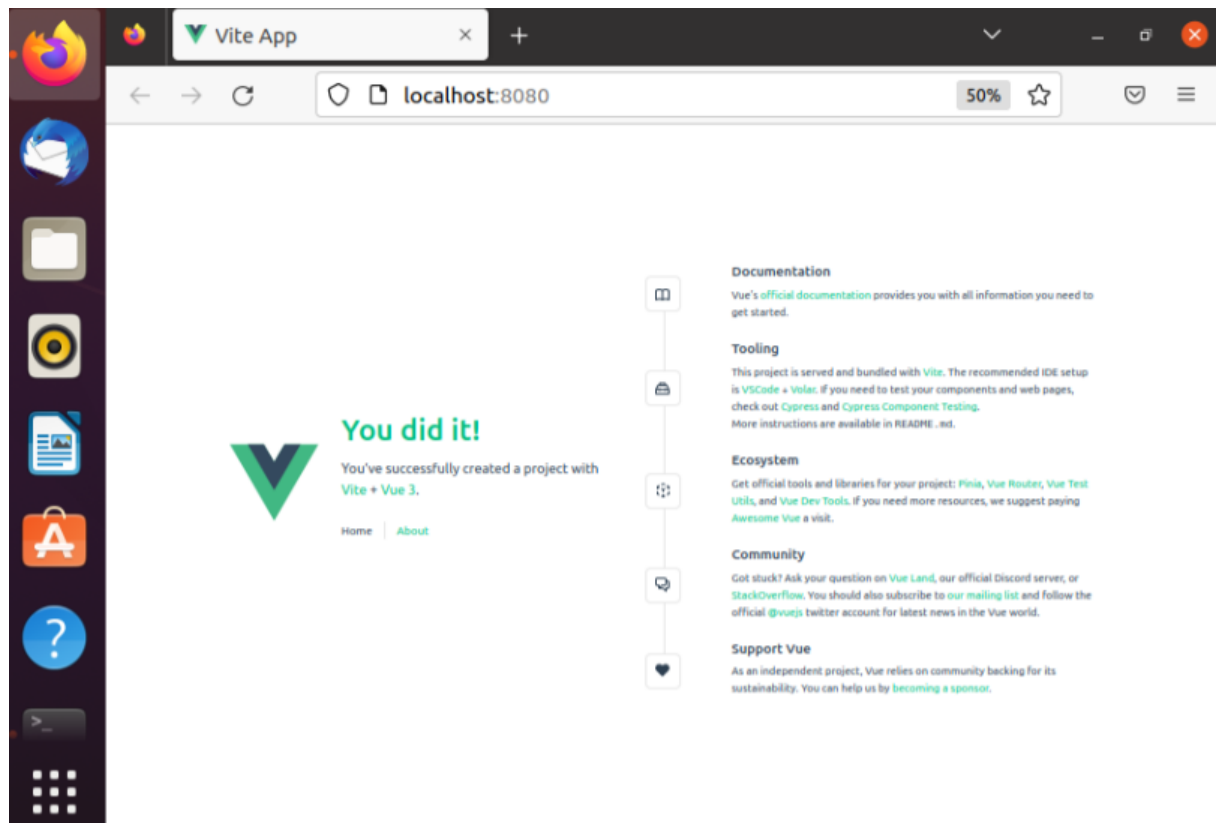


```
ksenia@ksenia-VirtualBox: ~/vue-project

VITE v4.0.4  ready in 899 ms

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


```



Вывод: в ходе выполнения работы, я научилась стартовать проект на Vue, а также изучила команды пакетного менеджера NPM.