САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО

Дисциплина: Фронд-энд разработка

Отчет

Практическая работа

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Санкт-Петербург

1. Установка npm и node.js

```
PS C:\Users\olthu\Desktop\backend-itmo – копия\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm install

up to date, audited 2 packages in 1s

found 0 vulnerabilities
```

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm -v
8.6.0
```

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> node -v
v18.0.0
```

2. Инициализация npm-пакета

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See `npm help init` for definitive documentation on these fields
and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (gromova-olya)
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository: https://github.com/oligromova
keywords:
author: oligromova
license: (ISC)
About to write to C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya\package.json:

{
  "name": "gromova-olya",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
```

3. Установка express

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm instal express --save

added 57 packages, and audited 58 packages in 5s

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

found 0 vulnerabilities
```

4. Удаление express / попытка его обновить

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm rm express

removed 57 packages, and audited 1 package in 363ms

found 0 vulnerabilities
```

5. Написание кастомной команды для npm, чтобы можно было удалить express командой "npm run rme"

```
  ▷ Debug
6    "scripts": {
7      "test": "echo \"Error: no test specified\" && exit 1",
8      "rme": "npm rm express"
9    },
10   "repository": {
11     "type": "git",
```

```
PS C:\Users\olthu\Desktop\backend-itmo\ITMO-ICT-Backend-2022\homeworks\K33401\Gromova Olya> npm run rme

> gromova-olya@1.0.0 rme
> npm rm express


removed 57 packages, and audited 1 package in 328ms
```