

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Бэк-энд разработка

Отчет

Домашнее задание №1

Выполнила:

Мищенко Виолетта

Группа К33402

Проверил:
Добряков Д.И.

Санкт-Петербург

2022 г.

Ход работы:

1) установка npm (8.1.0), node.js (16.13.0)

```
C:\Users\1\Desktop\учёба\3 курс\Backend>npm --version
8.5.4

C:\Users\1\Desktop\учёба\3 курс\Backend>node --version
v16.14.0
```

2) инициализация npm-пакета

```
C:\Users\1\Desktop\учёба\3 курс\Backend>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: (backend) homework1
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author: Violetta Michshenko
license: (ISC) MIT
About to write to C:\Users\1\Desktop\учёба\3 курс\Backend\package.json:

{
  "name": "homework1",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "Violetta Michshenko",
  "license": "MIT"
}

Is this OK? (yes) yes
```

```
{ } package.json X
C: > Users > 1 > Desktop > учёба > 3 курс > Backend > { } package.json > ...
1  {
2    "name": "homework1",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
   Отладка ▶
6    "scripts": {
7      "test": "echo \"Error: no test specified\" && exit 1"
8    },
9    "author": "Violetta Michshenko",
10   "license": "MIT"
11  }
12
```

3) установка express

```
C:\Users\1\Desktop\учёба\3 курс\Backend>npm install express
added 50 packages, and audited 51 packages in 2s

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

found 0 vulnerabilities
```

4) удаление express/попытка его обновить

```
C:\Users\1\Desktop\учёба\3 курс\Backend>npm update express
up to date, audited 51 packages in 837ms

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

found 0 vulnerabilities

C:\Users\1\Desktop\учёба\3 курс\Backend>npm uninstall express
removed 50 packages, and audited 1 package in 499ms

found 0 vulnerabilities
```

5) написание кастомной команды для npm, чтобы можно удалить express командой "npm run rme"

```
C:\Users\1\Desktop\учёба\3 курс\Backend>npm run rme

> homework1@1.0.0 rme
> npm uninstall express

removed 88 packages, and audited 1 package in 777ms

found 0 vulnerabilities
```

{} package.json ✕ ≡ Заметки о выпуске: 1.65.2

C: > Users > 1 > Desktop > учёба > 3 курс > Backend > **{}** package.json > ...

```
1  {
2    "name": "homework1",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
   Отладка ▶
6    "scripts": {
7      "rme": "npm uninstall express"
8    },
9    "author": "Violetta Michshenko",
10   "license": "MIT"
11  }
12  |
```