

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Бэк-энд разработка

Отчет

Практическая работа №1

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1. Установка yarn и node.js

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn install
yarn install v1.22.17
info No lockfile found.
[1/4] 🔍 Resolving packages...
[2/4] 🚚 Fetching packages...
[3/4] 🔗 Linking dependencies...
[4/4] 🔨 Building fresh packages...
success Saved lockfile.
✨ Done in 0.06s.
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn -v
1.22.17
(base) MacBook-Pro-Peta:back_Lab1 peta$ node -v
v16.14.0

(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn install
yarn install v1.22.17
info No lockfile found.
[1/4] 🔍 Resolving packages...
[2/4] 🚚 Fetching packages...
[3/4] 🔗 Linking dependencies...
[4/4] 🔨 Building fresh packages...
success Saved lockfile.
✨ Done in 0.06s.
```

2. Инициализация prn-пакета

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn init
yarn init v1.22.17
question name (back_Lab1):
question version (1.0.0):
question description:
question entry point (index.js):
question repository url:
question author:
question license (MIT):
question private:
success Saved package.json
✨ Done in 10.67s.
```

3. Установка express

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn add express
yarn add v1.22.17
[1/4] 🔍 Resolving packages...
[2/4] 🚚 Fetching packages...
[3/4] 🔗 Linking dependencies...
[4/4] 🔨 Building fresh packages...
success Saved lockfile.
success Saved 31 new dependencies.
info Direct dependencies
└─ express@4.17.3
info All dependencies
├─ accepts@1.3.8
├─ array-flatten@1.1.1
└─ body-parser@1.19.2
```

4. Обновление express

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn upgrade express
yarn upgrade v1.22.17
[1/4] 🔍 Resolving packages...
[2/4] 🚚 Fetching packages...
[3/4] 🔗 Linking dependencies...
[4/4] 🔨 Rebuilding all packages...
success Saved lockfile.
success Saved 31 new dependencies.
info Direct dependencies
└─ express@4.17.3
info All dependencies
├─ accepts@1.3.8
```

5. Удаление express

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn remove express
yarn remove v1.22.17
[1/2] 🗑 Removing module express...
[2/2] 🔨 Regenerating lockfile and installing missing dependencies...
success Uninstalled packages.
🌟 Done in 0.19s.
(base) MacBook-Pro-Peta:back_Lab1 peta$
```

```
index.js × yarn.lock × package.json ×
1 {
2   "name": "back_Lab1",
3   "version": "1.0.0",
4   "main": "index.js",
5   "license": "MIT",
6   "dependencies": {}
7 }
8 |
```

6. Написание кастомной команды, чтобы можно было удалить express командой “n”

```
{
  "name": "back_Lab1",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "del": "yarn remove express"
  },
  "license": "MIT",
  "dependencies": {}
}
```

```
(base) MacBook-Pro-Peta:back_Lab1 peta$ yarn run del
yarn run v1.22.17
$ yarn remove express
[1/2] 🗑 Removing module express...
[2/2] ^ Regenerating lockfile and installing missing dependencies...
success Uninstalled packages.
🌟 Done in 0.87s.
```

