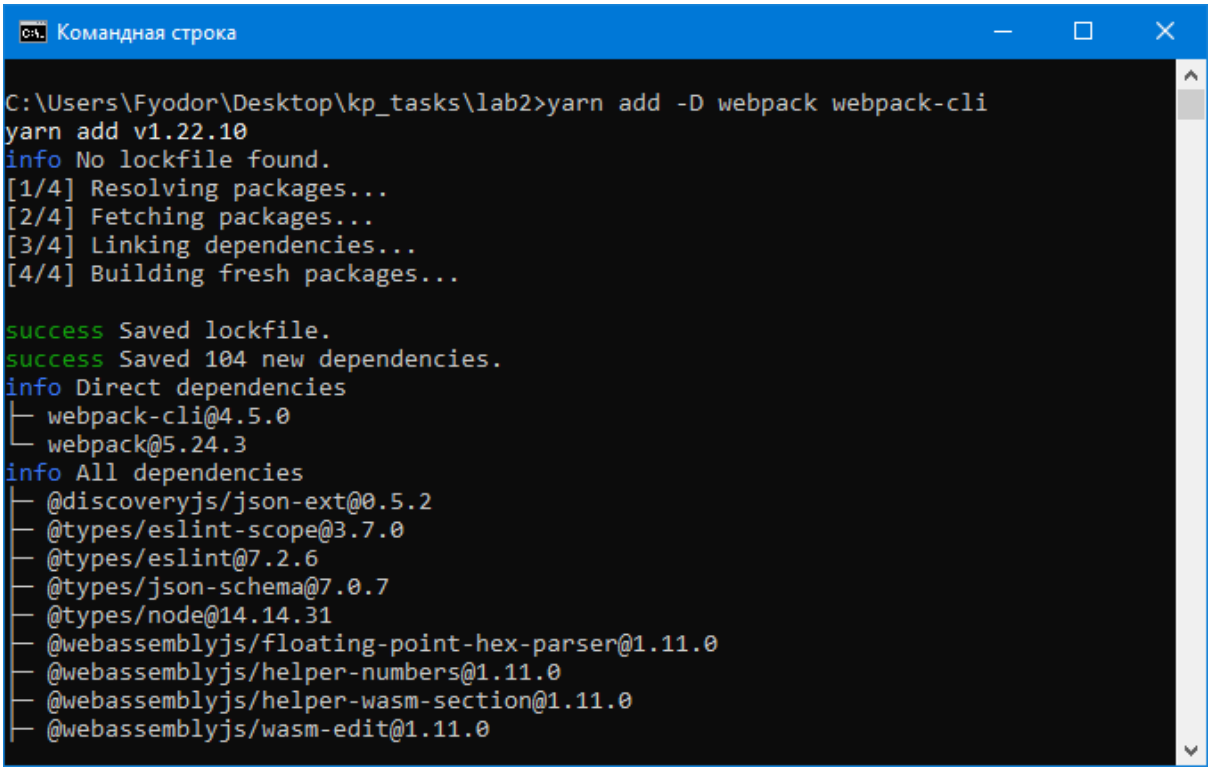
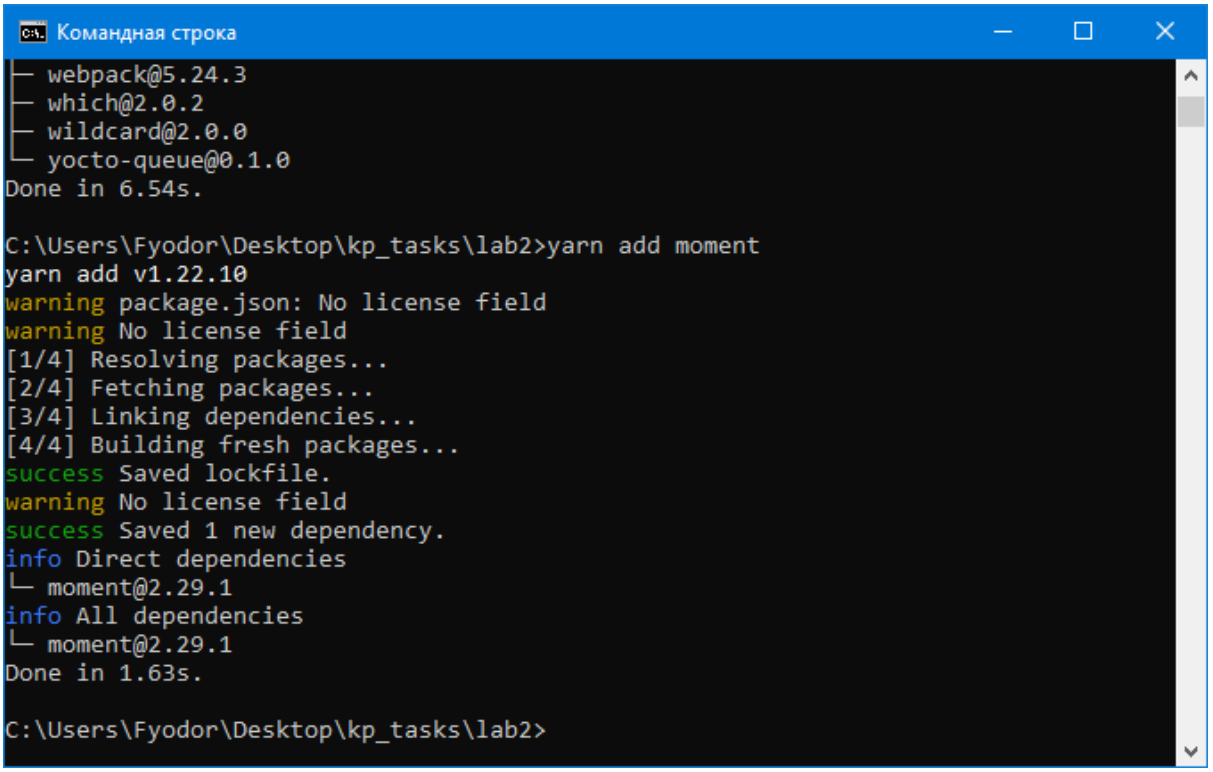
**Модульность в экосистеме JavaScript**

**Цель:** освоить основные операции по сборке проекта с помощью webpack.

1. Добавление webpack и webpack-cli




2. Добавление библиотеки moment



Содержимое файла package.json

package.json

C: > Users > Fyodor > Desktop > kp_tasks > lab2 > {} package.json > ...

```
{
  "devDependencies": {
    "webpack": "^5.24.3",
    "webpack-cli": "^4.5.0"
  },
  "dependencies": {
    "moment": "^2.29.1"
  }
}
```

3. Создание файла index.js

```
import moment from 'moment';
const t = moment().format('DD/MM/YYYY HH:mm');
document.body.innerHTML = `<h1>Сейчас ${t}</h1>`;
document.body.innerHTML += `<h2>${top.location.href}</h2>`;
```

4. Сборка проекта

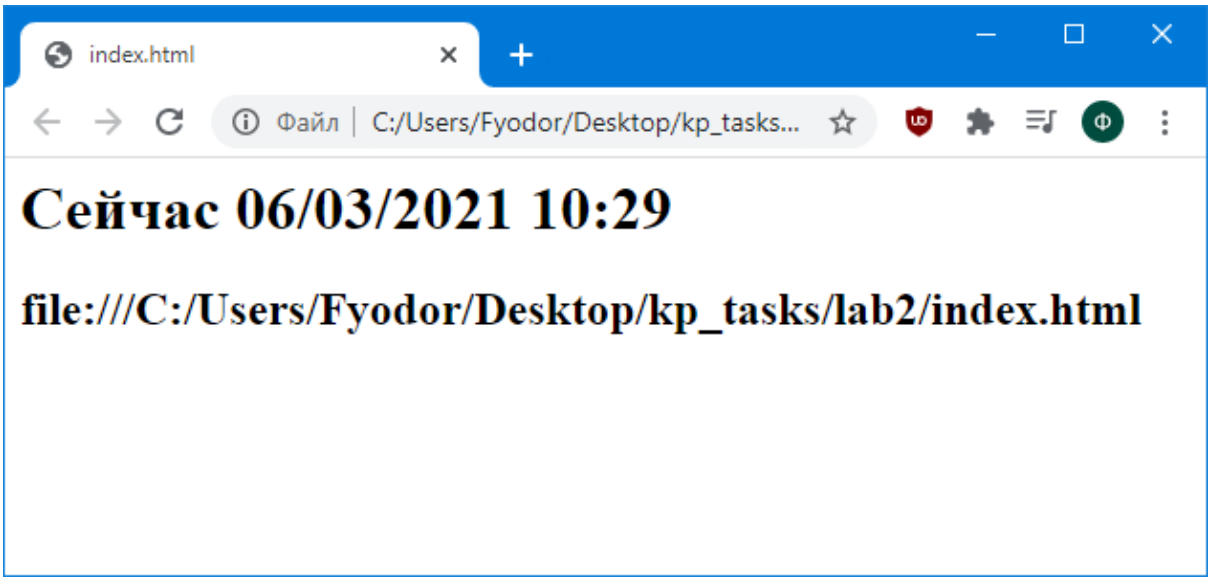
Командная строка

```
C:\Users\Fyodor\Desktop\kp_tasks\lab2>code index.js

C:\Users\Fyodor\Desktop\kp_tasks\lab2>yarn webpack . -o ./bundle.js
yarn run v1.22.10
warning package.json: No license field
$ C:\Users\Fyodor\Desktop\kp_tasks\lab2\node_modules\.bin\webpack . -o ./bundle.js
asset main.js 290 KiB [emitted] [minimized] [big] (name: main) 1 related asset
runtime modules 786 bytes 4 modules
modules by path ./node_modules/moment/locale/*.js 499 KiB 135 modules
./index.js 194 bytes [built] [code generated]
./node_modules/moment/moment.js 170 KiB [built] [code generated]
./node_modules/moment/locale/ sync ^\.\/.*$ 3.21 KiB [optional] [built] [code gene
rated]

WARNING in configuration
The 'mode' option has not been set, webpack will fallback to 'production' for this
 value.
Set 'mode' option to 'development' or 'production' to enable defaults for each env
ironment.
You can also set it to 'none' to disable any default behavior. Learn more: https:/
/webpack.js.org/configuration/mode/

WARNING in asset size limit: The following asset(s) exceed the recommended size li
mit (244 KiB).
```

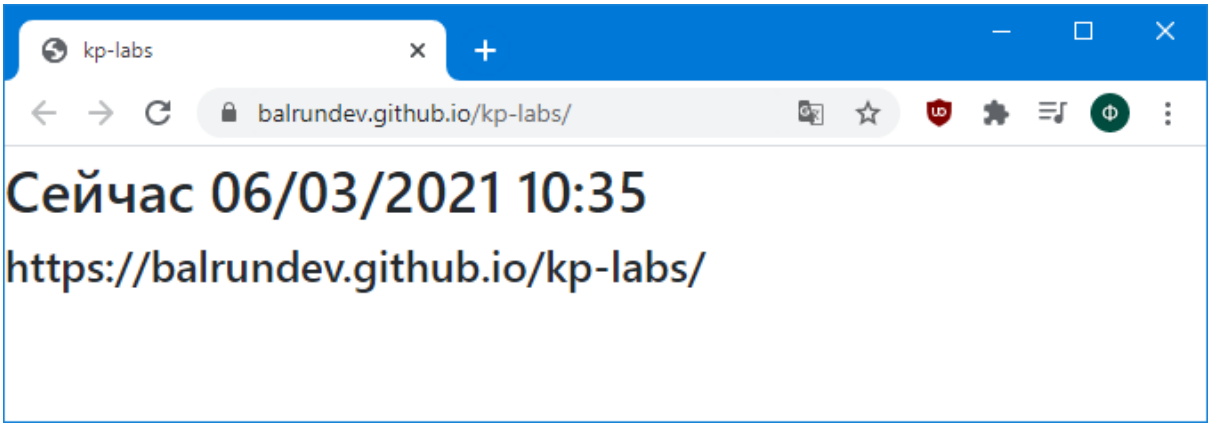
5. Создание файла index.html

```
<html>
    <head>
        <meta charset="utf-8">
    </head>
    <body>
        <script src="./bundle.js"></script>
    </body>
</html>
```

6. Выполнение сценария




7. Загрузка на GitHub Pages




Репозиторий находится по адресу: https://github.com/balrundev/kp-labs
Страница доступна по следующей ссылке: https://balrundev.github.io/kp-labs/

**Вывод:** в ходе работы были освоены основные операции по сборке проекта с помощью webpack.