PERTEMUAN 1

PEMROGRAMAN BERBASIS FRAMEWORK

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PROGRAM STUDI D4 TEKNIK INFORMATIKA

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Yang dibutuhkan :

- Yang diperlu diinstall
  - Node js https://nodejs.org/en/
  - Git for windows https://git-scm.com/download/win
  - VsCode https://code.visualstudio.com/
    - Extension yang di instal
    - ES7 React/Redux/GraphQL/React-Native snippets
    - ESLINT
    - Prettier
  - Postman https://www.postman.com/downloads/
  - Browser Chrome
    - Extentions
      - React Devtools
      - Redux DevTools

No	Keterangan
1	Percobaan pertama (membuat package json) Mkdir untuk membuat direktori, ls untuk menampilkan list direktori yang ada di direktori kita berada, cd untuk masuk ke direktori
2	Setelah kita ketik npm init maka akan muncul beberapa pertanyaan yg dimana itu akan sebagai info dari apps yg nanti kita buat yang tersimpan dlam 1 package yg Namanya package json

```
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> 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 json` 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: (percobaan_pertama)
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama\package.json:

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


Is this OK? (yes) y
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> ls


    Directory: D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----        2/9/2021   10:30 AM            213 package.json


PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
```

3	Menambahkan library pada project

```
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> npm add jquery
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN percobaan_pertama@1.0.0 No description
npm WARN percobaan_pertama@1.0.0 No repository field.

+ jquery@3.5.1
added 1 package from 1 contributor and audited 1 package in 2.947s
found 0 vulnerabilities

PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
```

4	Menambahkan react

```
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> npm add react
npm WARN percobaan_pertama@1.0.0 No description
npm WARN percobaan_pertama@1.0.0 No repository field.

+ react@17.0.1
added 4 packages from 3 contributors and audited 5 packages in 3.376s
found 0 vulnerabilities

PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
```

| 5 | Pada package json terdapat dependenies jquery dan react yg telah kita install tadi<br><br>{} package.json ✕<br><br>percobaan_pertama > {} package.json > ...<br><br>```json
1  {
2    "name": "percobaan_pertama",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
     ▷ Debug
6    "scripts": {
7      "test": "echo \"Error: no test specified\" && exit 1"
8    },
9    "author": "",
10   "license": "ISC",
11   "dependencies": {
12     "jquery": "^3.5.1",
13     "react": "^17.0.1"
14   }
15 }
16
``` |
| 6 | Hapus library pada package json<br><br>```
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> npm remove jquery
npm WARN percobaan_pertama@1.0.0 No description
npm WARN percobaan_pertama@1.0.0 No repository field.

removed 1 package and audited 4 packages in 0.762s
found 0 vulnerabilities

PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
``` |
| 7 | GIT Lokal<br><br>```
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git init
Initialized empty Git repository in D:/Kuliah/SEMESTER 6/Pemrograman Berbasis Framework/Pertemuan 1/percobaan_pertama/.git/
On branch master

No commits yet

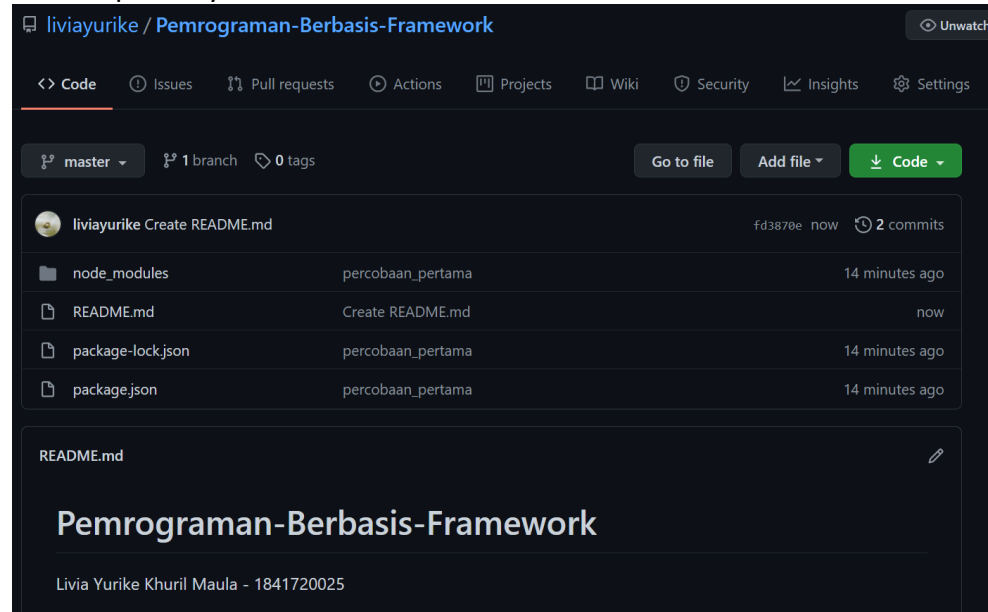Untracked files:
  (use "git add <file>..." to include in what will be committed)
        node_modules/
        package-lock.json
        package.json

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git add .
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git commit -m 'percobaan_pertama'
[master (root-commit) 9393def] percobaan_pertama
 40 files changed, 9673 insertions(+)
 create mode 100644 node_modules/.bin/loose-envify
 create mode 100644 node_modules/.bin/loose-envify.cmd
 create mode 100644 node_modules/.bin/loose-envify.ps1
 create mode 100644 node_modules/js-tokens/CHANGELOG.md
 create mode 100644 node_modules/js-tokens/LICENSE
 create mode 100644 node_modules/js-tokens/README.md
 create mode 100644 node_modules/js-tokens/index.js
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git remote add liviayurike https://github.com/liviayurike/Pemrograman-Berbasis-Framework.git
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git remote -v
liviayurike     https://github.com/liviayurike/Pemrograman-Berbasis-Framework.git (fetch)
liviayurike     https://github.com/liviayurike/Pemrograman-Berbasis-Framework.git (push)
origin  https://github.com/liviayurike/Pemrograman-Berbasis-Framework (fetch)
origin  https://github.com/liviayurike/Pemrograman-Berbasis-Framework (push)
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama> git push origin master
Logon failed, use ctrl+c to cancel basic credential prompt.
Enumerating objects: 50, done.
Counting objects: 100% (50/50), done.
Delta compression using up to 4 threads
Compressing objects: 100% (50/50), done.
Writing objects: 100% (50/50), 66.79 KiB | 3.18 MiB/s, done.
Total 50 (delta 10), reused 0 (delta 0)
remote: Resolving deltas: 100% (10/10), done.
To https://github.com/liviayurike/Pemrograman-Berbasis-Framework
 * [new branch]      master -> master
PS D:\Kuliah\SEMESTER 6\Pemrograman Berbasis Framework\Pertemuan 1\percobaan_pertama>
``` |

Hasil Repository

Link Github :
https://github.com/liviayurike/Pemrograman-Berbasis-Framework/tree/master/Pertemuan%201
Link Youtube : https://www.youtube.com/watch?v=eEge3bZrV-Y