

LAPORAN PEMROGRAMAN FRAMEWORK

“SESSION 1”



Oleh:

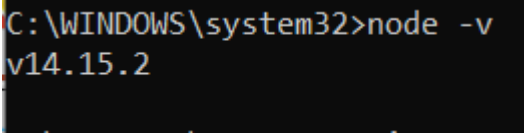
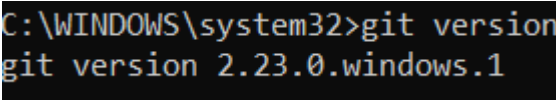
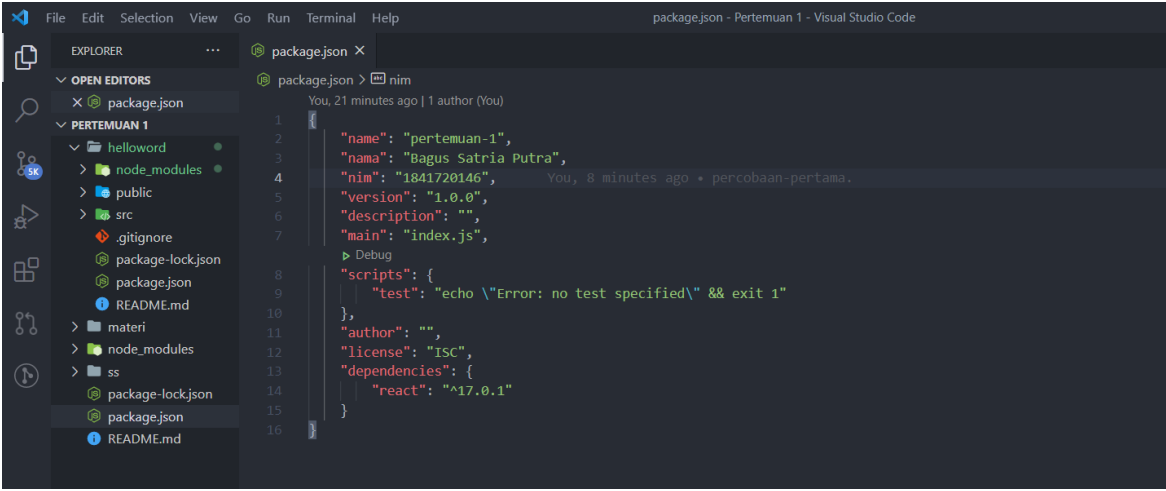
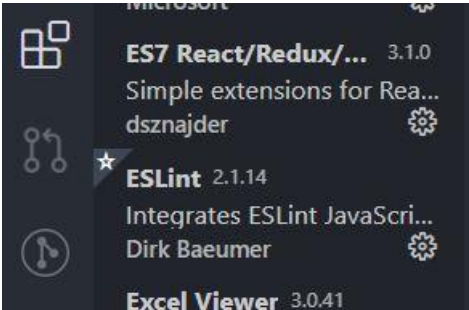
Nama : Bagus Satria Putra
Kelas : 3F
Absen/NIM : 8 / 1841720146


PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG

09 FEBRUARI 2021

Link repository Tugas Pertemuan 1 :

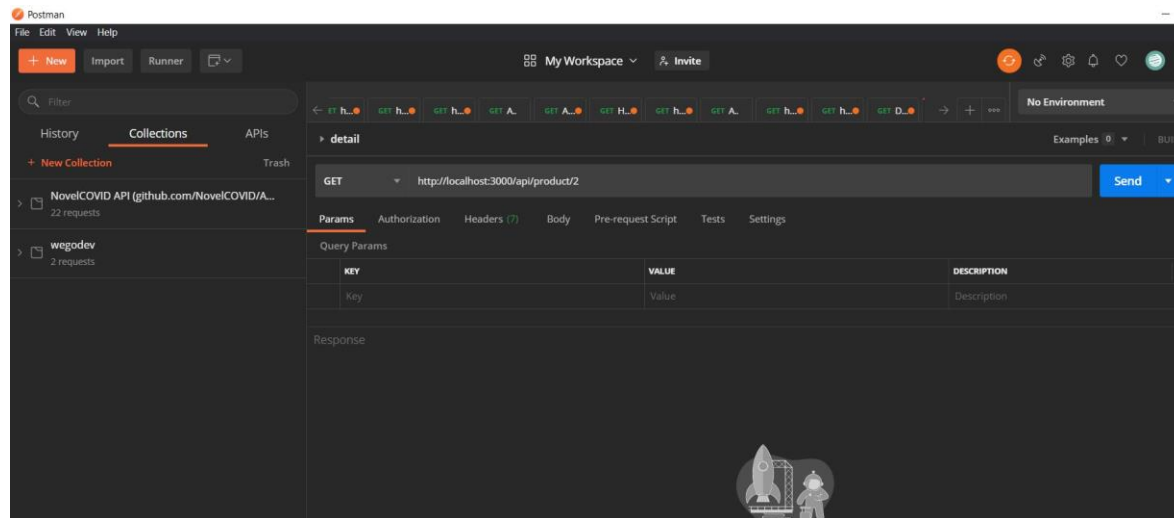
<https://github.com/BagusSatria123/React-Session1/tree/master>

No	Keterangan
1.	<p>Node js https://nodejs.org/en/</p> <p>Jawaban :</p>  <pre>C:\WINDOWS\system32>node -v v14.15.2</pre>
2.	<p>Git for windows https://git-scm.com/download/win</p> <p>Jawaban :</p>  <pre>C:\WINDOWS\system32>git version git version 2.23.0.windows.1</pre>
3.	<p>VsCode https://code.visualstudio.com/</p> <p>Jawaban :</p>  <p>The screenshot shows the Visual Studio Code interface with a file explorer on the left containing folders like 'helloword', 'public', 'src', and files like 'package-lock.json', 'package.json', and 'README.md'. The main editor area displays the content of 'package.json' with the following JSON structure:</p> <pre>{ "name": "pertemuan-1", "nama": "Bagus Satria Putra", "nim": "1841720146", "version": "1.0.0", "description": "", "main": "index.js", "scripts": { "test": "echo \"Error: no test specified\" && exit 1" }, "author": "", "license": "ISC", "dependencies": { "react": "^17.0.1" } }</pre>
4.	<p>Extension Vscode Diinstall</p> <ul style="list-style-type: none">- ES7 React/Redux/GraphQL/React-Native snippets- ESLINT- Prettier <p>Jawaban :</p>  <p>The screenshot shows the VS Code extension marketplace search results for 'ES7 React/Redux/GraphQL/React-Native snippets' by dsznajder, 'ESLint' by Dirk Baeumer, and 'Excel Viewer'.</p>

Prettier - Code for... 5.9.1
Code formatter using pre...
Prettier Reload Required 

5. Postman install

Jawaban :



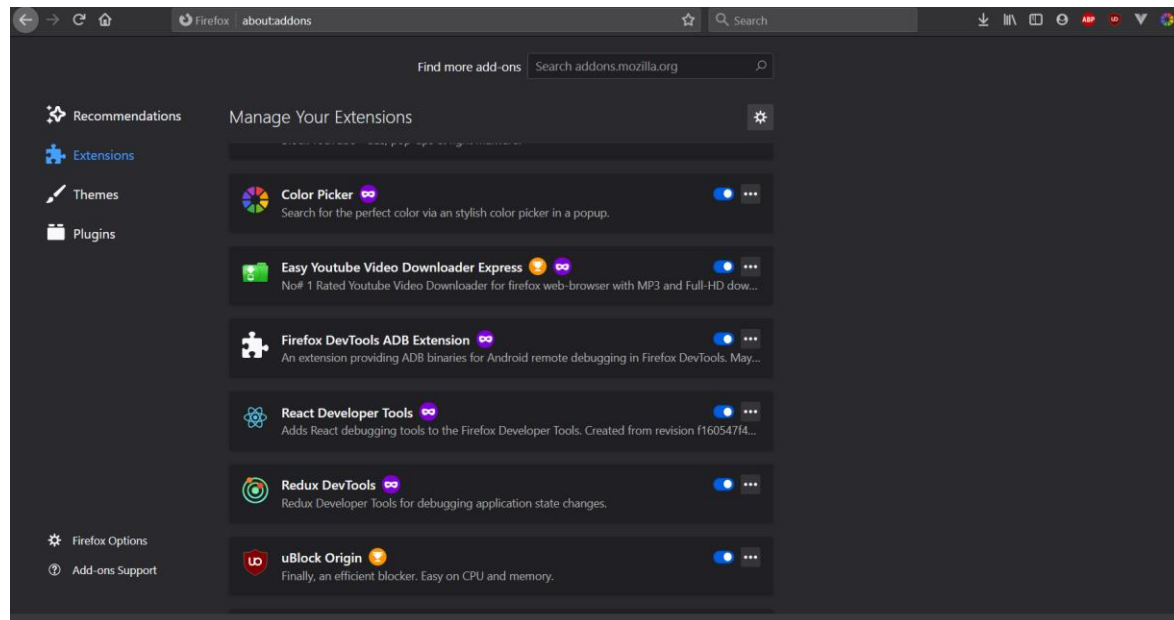
6. Browser Chrome

Extentions

React Devtools

Redux DevTools

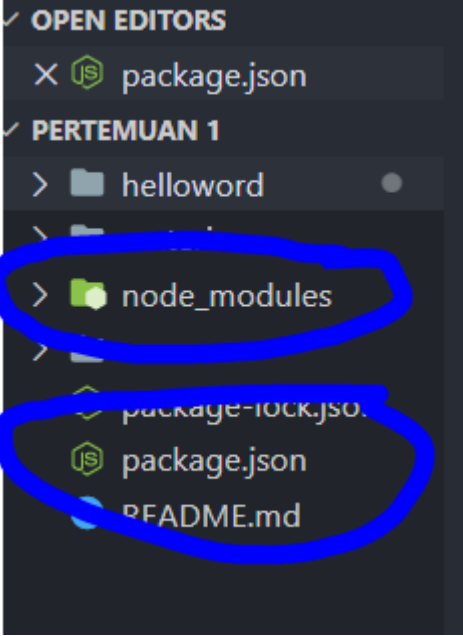
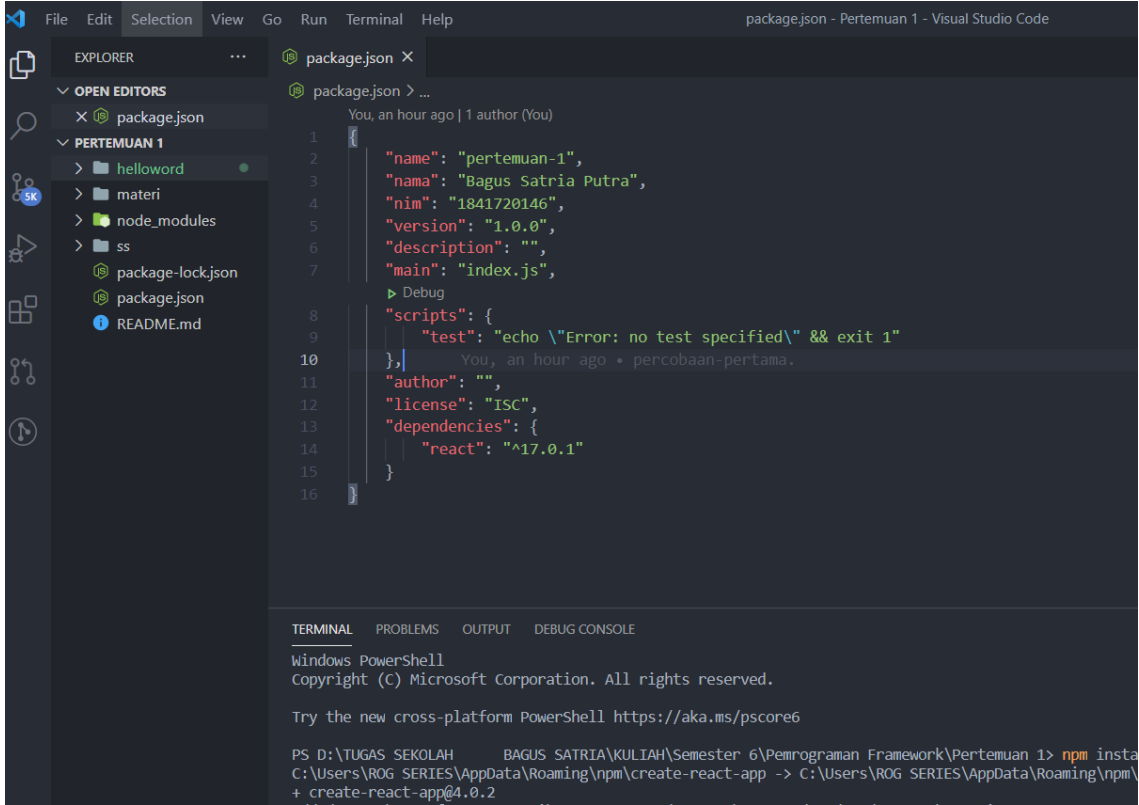
Jawaban :

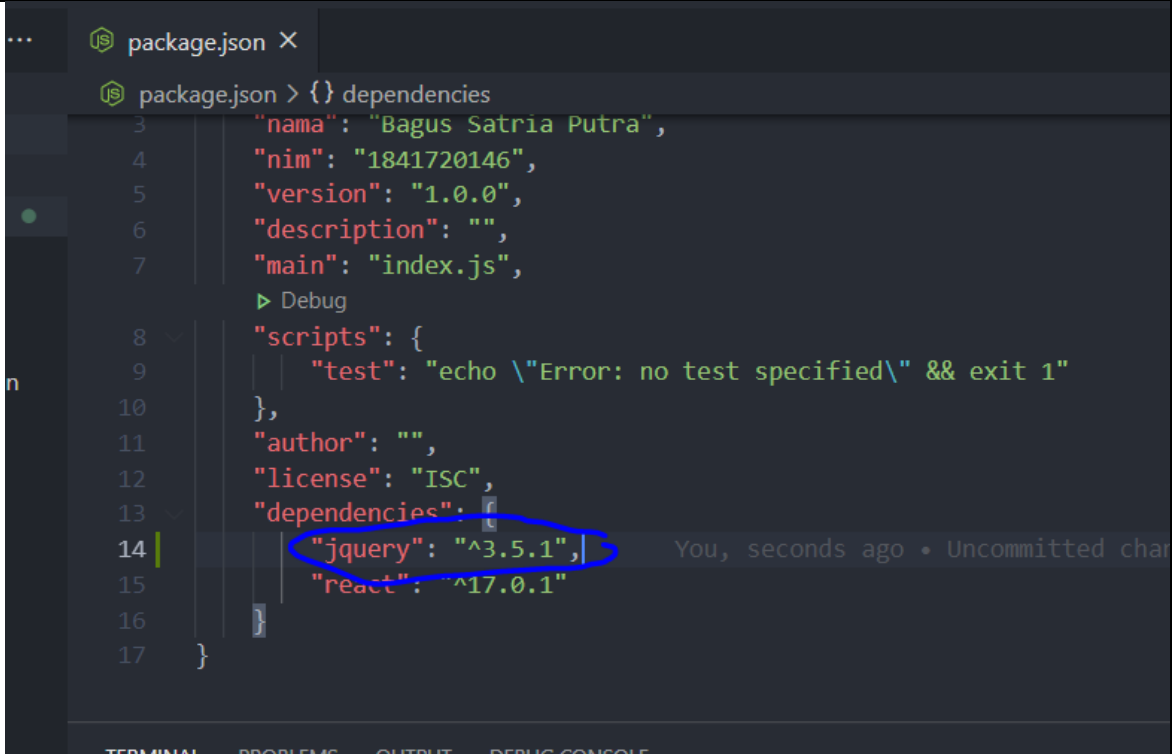


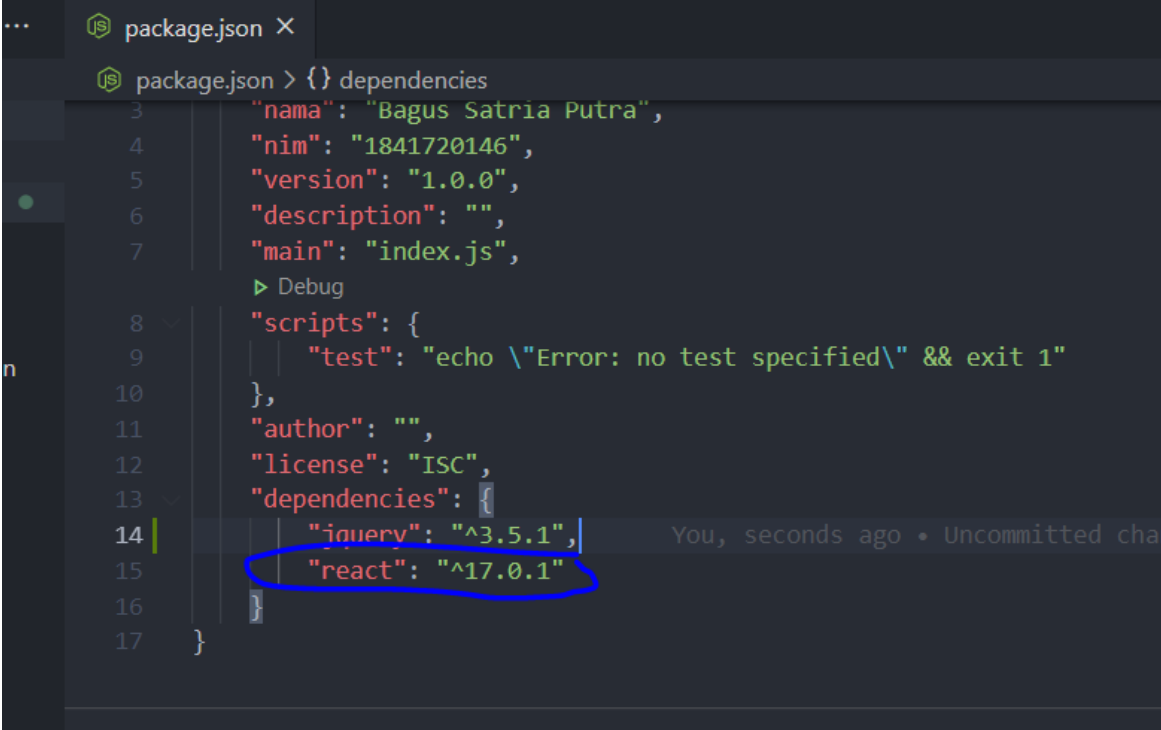
7. npm install -g create-react-app

Jawaban :

	<div> <div> TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE 1: node </div> <div> Windows PowerShell Copyright (c) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> npm install -g create-react-app C:\Users\ROG SERIES\AppData\Roaming\npm\create-react-app -> C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\create-react-app\index.js + create-react-app@4.0.2 added 6 packages from 4 contributors, removed 37 packages and updated 13 packages in 52.788s </div> </div>
8.	<p>Cek version npm dan node</p> <p>Jawaban :</p>  
9.	<p>Percobaan pertama (membuat package json)</p> <p>Jawaban :</p>  

	 
10.	<p>Percobaan Kedua menambahkan library pada project (add jquery)</p> <p>Jawaban :</p> <pre> PS D:\TUGAS SEKOLAH BAGUS SATHIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> npm add jquery npm notice created a lockfile as package-lock.json. You should commit this file. npm WARN pertemuan-1@1.0.0 No description npm WARN pertemuan-1@1.0.0 No repository field. + jquery@3.5.1 added 1 package from 1 contributor and audited 1 package in 2.852s found 0 vulnerabilities </pre>

	 <pre>package.json X package.json > {} dependencies 3 "nama": "Bagus Satria Putra", 4 "nim": "1841720146", 5 "version": "1.0.0", 6 "description": "", 7 "main": "index.js", 8 "scripts": { 9 "test": "echo \"Error: no test specified\" && exit 1" 10 }, 11 "author": "", 12 "license": "ISC", 13 "dependencies": { 14 "jquery": "^3.5.1", 15 "react": "^17.0.1" 16 } 17 }</pre>
11.	<p>Percobaan Ketiga menambahkan react</p> <pre>PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> npm add react npm WARN pertemuan-1@1.0.0 No description npm WARN pertemuan-1@1.0.0 No repository field. + react@17.0.1 added 4 packages from 3 contributors and audited 5 packages in 1.562s found 0 vulnerabilities</pre>

	 <pre> package.json > {} dependencies 3 "nama": "Bagus Satria Putra", 4 "nim": "1841720146", 5 "version": "1.0.0", 6 "description": "", 7 "main": "index.js", 8 ▶ Debug 9 "scripts": { 10 "test": "echo \"Error: no test specified\" && exit 1" 11 }, 12 "author": "", 13 "license": "ISC", 14 "dependencies": { 15 "jquery": "^3.5.1", 16 "react": "^17.0.1" 17 } </pre>
12.	<p>GIT local (Push)</p> <ol style="list-style-type: none"> Git init <pre> PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git init Initialized empty Git repository in D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\.git\ </pre> <ol style="list-style-type: none"> Git add . <pre> PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git add . warning: LF will be replaced by CRLF in node_modules/.bin/loose-envify. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/.bin/loose-envify.ps1. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/js-tokens/CHANGELOG.md. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/js-tokens/LICENSE. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/js-tokens/README.md. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/js-tokens/index.js. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/LICENSE. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/README.md. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/cli.js. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/custom.js. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/index.js. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/loose-envify.js. The file will have its original line endings in your working directory warning: LF will be replaced by CRLF in node_modules/loose-envify/package.json. </pre> <ol style="list-style-type: none"> Git status

```
PS D:\TUGAS SEKOLAH BAGUS Satria\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git status
On branch master
```

```
No commits yet
```

```
Changes to be committed:
```

```
(use "git rm --cached <file>..." to unstage)
```

```
new file:   materi/PERTEMUAN PERTAMA Framewrok.pptx
new file:   materi/reactjs_session1.pdf
new file:   node_modules/.bin/loose-envify
new file:   node_modules/.bin/loose-envify.cmd
new file:   node_modules/.bin/loose-envify.ps1
new file:   node_modules/js-tokens/CHANGELOG.md
new file:   node_modules/js-tokens/LICENSE
new file:   node_modules/js-tokens/README.md
new file:   node_modules/js-tokens/index.js
new file:   node_modules/js-tokens/package.json
new file:   node_modules/loose-envify/LICENSE
new file:   node_modules/loose-envify/README.md
new file:   node_modules/loose-envify/cli.js
new file:   node_modules/loose-envify/custom.js
new file:   node_modules/loose-envify/index.js
new file:   node_modules/loose-envify/loose-envify.js
new file:   node_modules/loose-envify/package.json
new file:   node_modules/loose-envify/replace.js
new file:   node_modules/object-assign/index.js
new file:   node_modules/object-assign/license
new file:   node_modules/object-assign/package.json
```

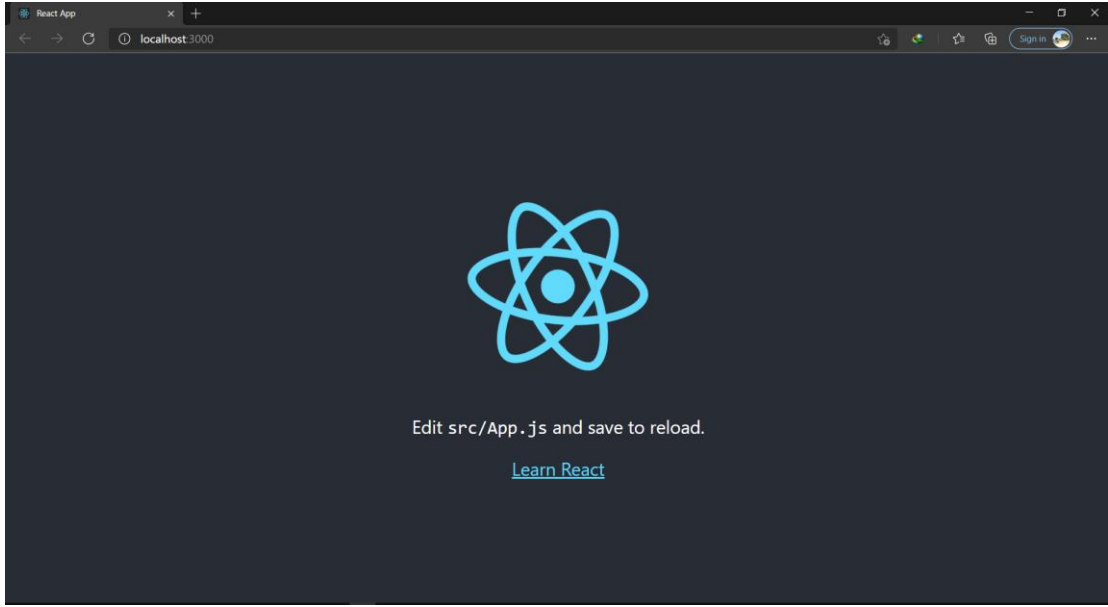
4. Git commit -m "percobaan pertama"

```
PS D:\TUGAS SEKOLAH BAGUS Satria\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git commit -m "percobaan-pertama"
[master (root-commit) 933ae46] percobaan-pertama
51 files changed, 9673 insertions(+)
create mode 100644 materi/PERTEMUAN PERTAMA Framewrok.pptx
create mode 100644 materi/reactjs_session1.pdf
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
create mode 100644 node_modules/js-tokens/package.json
create mode 100644 node_modules/loose-envify/LICENSE
create mode 100644 node_modules/loose-envify/README.md
create mode 100644 node_modules/loose-envify/cli.js
create mode 100644 node_modules/loose-envify/custom.js
create mode 100644 node_modules/loose-envify/index.js
create mode 100644 node_modules/loose-envify/loose-envify.js
create mode 100644 node_modules/loose-envify/package.json
create mode 100644 node_modules/loose-envify/replace.js
create mode 100644 node_modules/object-assign/index.js
create mode 100644 node_modules/object-assign/license
create mode 100644 node_modules/object-assign/package.json
create mode 100644 node_modules/object-assign/readme.md
create mode 100644 node_modules/react/LICENSE
create mode 100644 node_modules/react/README.md
create mode 100644 node_modules/react/build-info.json
create mode 100644 node_modules/react/cjs/react-jsx-dev-runtime.development.js
create mode 100644 node_modules/react/cjs/react-jsx-dev-runtime.production.min.js
create mode 100644 node_modules/react/cjs/react-jsx-dev-runtime.profiling.min.js
create mode 100644 node_modules/react/cjs/react-jsx-runtime.development.js
```

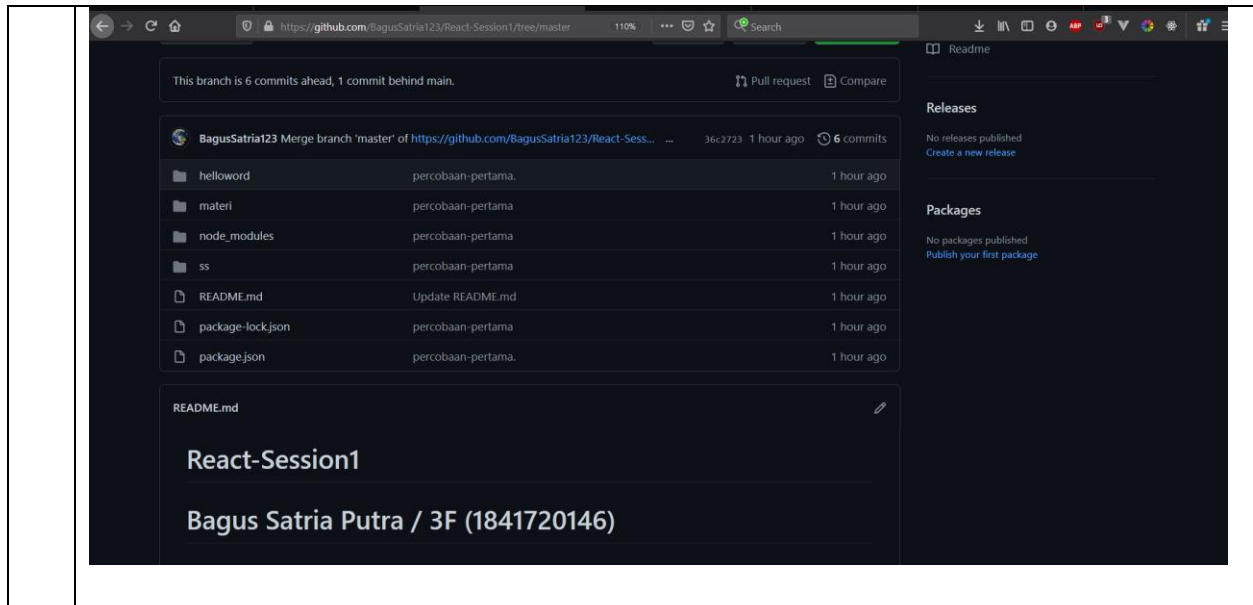
5. Git remote add origin https://github.com/BagusSatria123/React-Session1.git

```
PS D:\TUGAS SEKOLAH BAGUS Satria\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git remote add origin https://github.com/BagusSatria123/React-Session1.git
```

6. Git push -u origin master

	<pre> PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> git push -u origin master Enumerating objects: 63, done. Counting objects: 100% (63/63), done. Delta compression using up to 12 threads Compressing objects: 100% (63/63), done. Writing objects: 100% (63/63), 3.15 MiB 68.00 KiB/s, done. Total 63 (delta 9), reused 0 (delta 0) remote: Resolving deltas: 100% (9/9), done. remote: remote: Create a pull request for 'master' on GitHub by visiting: remote: https://github.com/BagusSatria123/React-Session1/pull/new/master remote: To https://github.com/BagusSatria123/React-Session1.git * [new branch] master -> master Branch 'master' set up to track remote branch 'master' from 'origin'. </pre>	
13.	<p>Install react + running</p> <p>Jawaban :</p>  <pre> PS D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1> npx create-react-app helloworld Creating a new React app in D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\helloworld. Installing packages. This might take a couple of minutes. Installing react, react-dom, and react-scripts with cra-template... > core-js@2.6.12 postinstall D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\helloworld\node_modules\babel-runtime\node_modules\core-js > node -e "try{require('./postinstall')}catch(e){}" > core-js@3.8.3 postinstall D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\helloworld\node_modules\core-js > node -e "try{require('./postinstall')}catch(e){}" > core-js-pure@3.8.3 postinstall D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\helloworld\node_modules\core-js-pure > node -e "try{require('./postinstall')}catch(e){}" > ejs@2.7.4 postinstall D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan 1\helloworld\node_modules\ejs > node ./postinstall.js + react-scripts@4.0.2 + react@17.0.1 + cra-template@1.1.2 + react-dom@17.0.1 added 1900 packages from 722 contributors and audited 1903 packages in 843.157s 126 packages are looking for funding run `npm fund` for details found 0 vulnerabilities </pre>	

	<div><div>TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE</div><div>1: node</div><div>run 'npm fund' for details</div><div>found 0 vulnerabilities</div><div>Installing template dependencies using npm...</div><div>npm WARN tsutils@3.20.0 requires a peer of typescript@>=2.8.0 >= 3.2.0-dev >= 3.3.0-dev >= 3.4.0-dev >= 3.5.0-dev >= 3.6.0-dev >= 3.6.0-beta >= 3.7.0-dev >= 3.7.0-beta but none is installed. You must install peer dependencies yourself.</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>+ web-vitals@1.1.0</div><div>+ @testing-library/jest-dom@5.11.9</div><div>+ @testing-library/react@11.2.5</div><div>+ @testing-library/user-event@12.6.3</div><div>added 29 packages from 78 contributors and audited 1932 packages in 26.116s</div><div>126 packages are looking for funding</div><div>run 'npm fund' for details</div><div>found 0 vulnerabilities</div><div>Removing template package using npm...</div><div>npm WARN tsutils@3.20.0 requires a peer of typescript@>=2.8.0 >= 3.2.0-dev >= 3.3.0-dev >= 3.4.0-dev >= 3.5.0-dev >= 3.6.0-dev >= 3.6.0-beta >= 3.7.0-dev >= 3.7.0-beta but none is installed. You must install peer dependencies yourself.</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>removed 1 package and audited 1931 packages in 12.268s</div><div>126 packages are looking for funding</div><div>run 'npm fund' for details</div><div>found 0 vulnerabilities</div><div>Removing template package using npm...</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):</div><div>npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})</div><div>removed 1 package and audited 1931 packages in 12.268s</div><div>126 packages are looking for funding</div><div>run 'npm fund' for details</div><div>found 0 vulnerabilities</div><div>Inside that directory, you can run several commands:</div><div>npm start</div><div>Starts the development server.</div><div>npm run build</div><div>Bundles the app into static files for production.</div><div>npm test</div><div>Starts the test runner.</div><div>npm run eject</div><div>Removes this tool and copies build dependencies, configuration files and scripts into the app directory. If you do this, you can't go back!</div><div>We suggest that you begin by typing:</div><div>cd helloworld</div><div>npm start</div><div>Happy hacking!</div></div>
14.	<p>14. Screenshot github</p> <p>Jawaban :</p> <p>https://github.com/BagusSatria123/React-Session1/tree/master</p> <p>Berada di branch master</p>



--Alhamdulillah--