LAPORAN PEMROGRAMAN FRAMEWORK

"SESSION 11 FIREBASE LOGIN 2"

Oleh:

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PROGRAM STUDI TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

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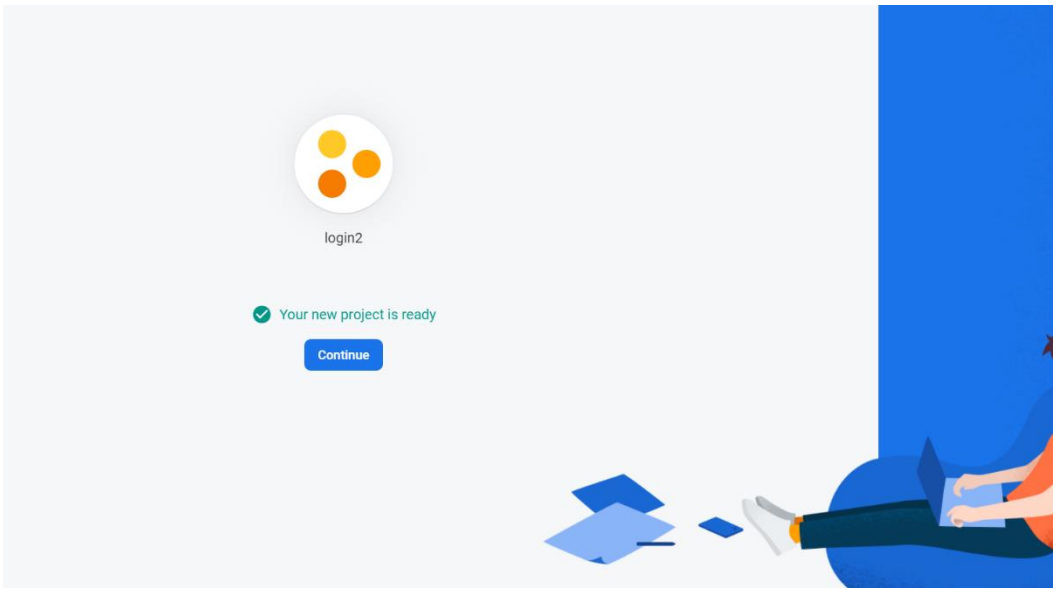
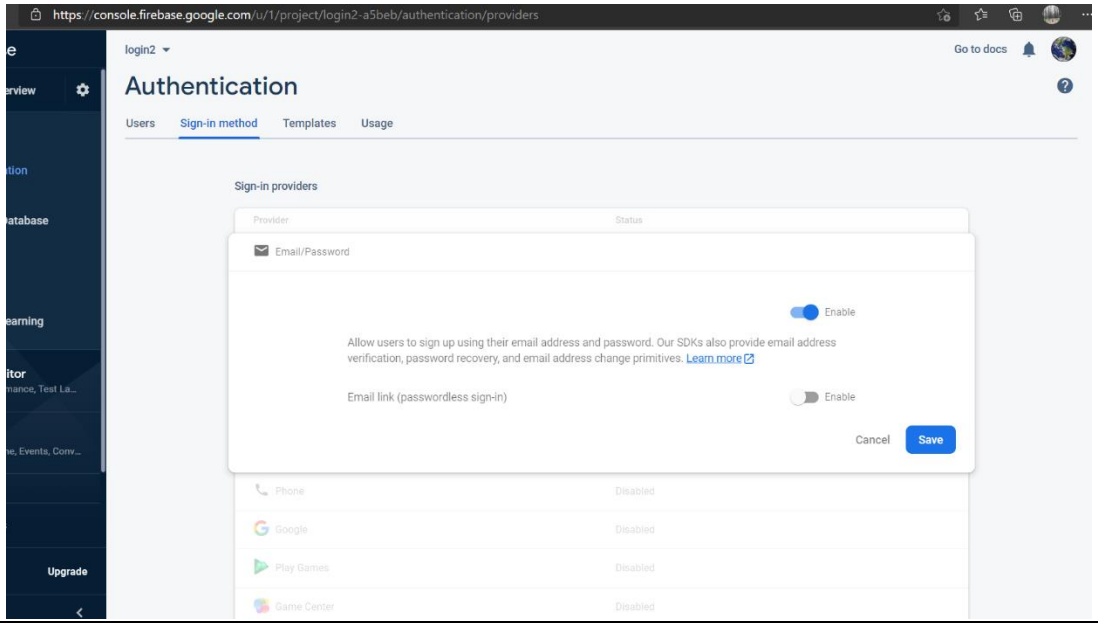
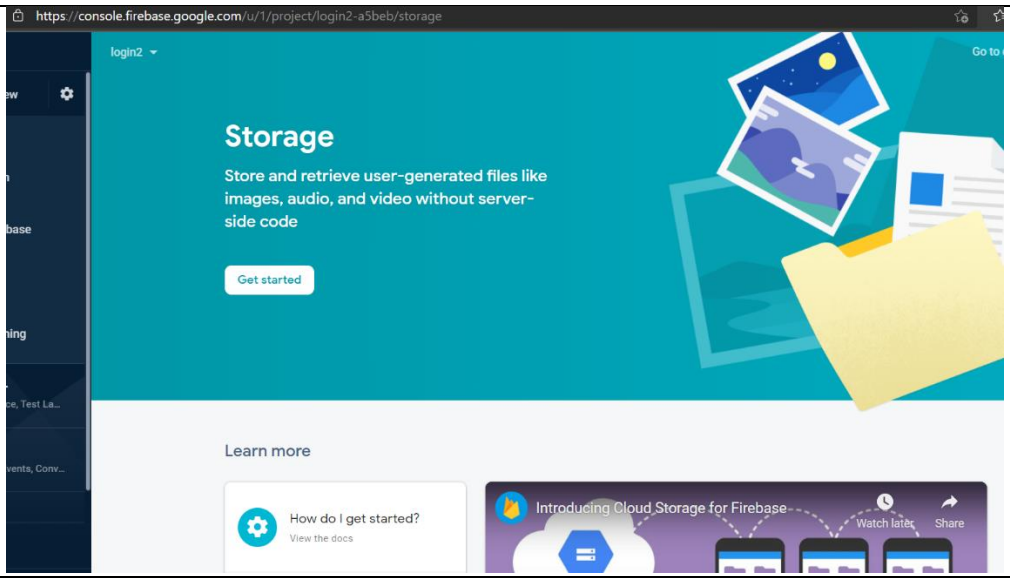
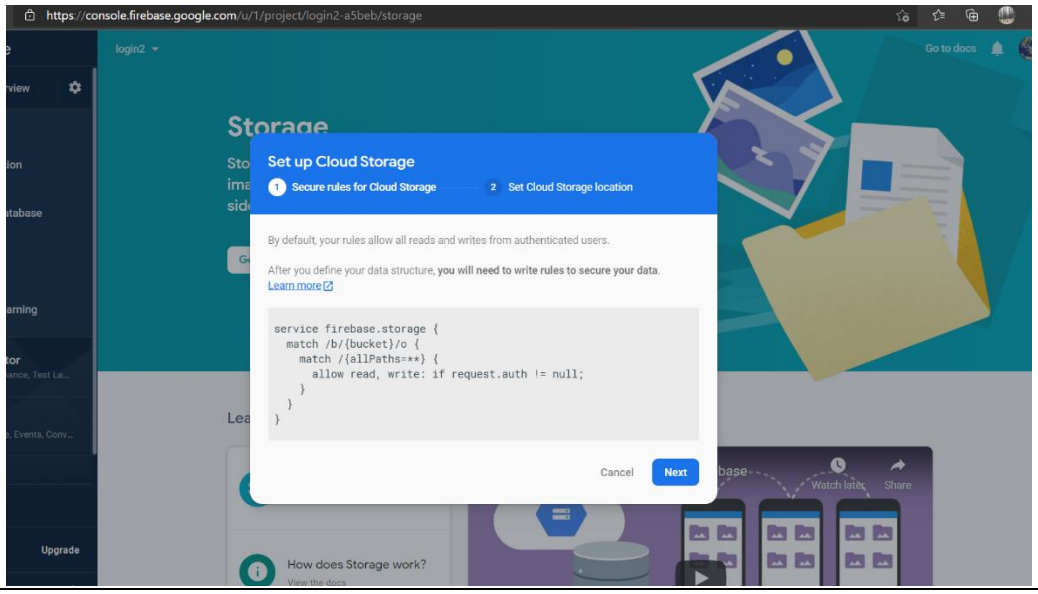
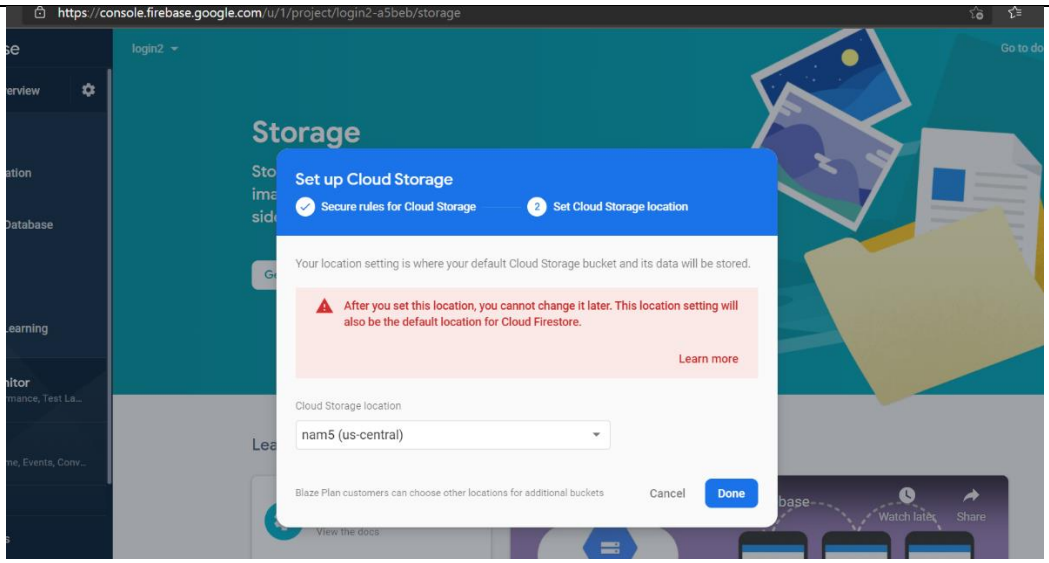
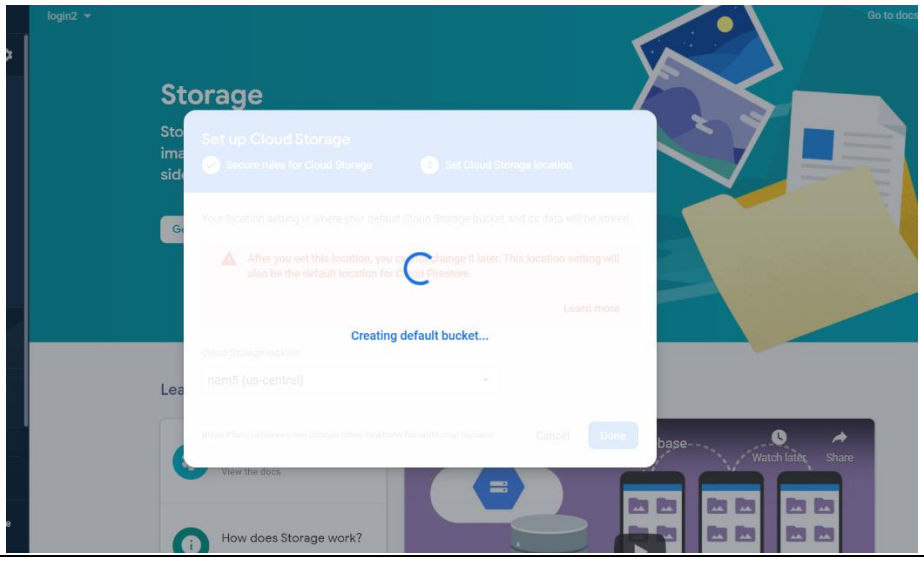
Link Github :
https://github.com/BagusSatria123/PemrogramanFrameworkReact/tree/master/Pertemuan11/Script2/my-app
Link Youtube : https://youtu.be/CzUF6Kb5d_g

NO.	Keterangan
	Setting Firebase Console Login ke firebase console dan add a new project. Pilih authentification dan pilih tab menu **Set up sign in method** **Jawaban :**  
	Setelah enabling athentification pilih menu Database dan pilih create database **Jawaban :**

	
	Select Start in test mode **Jawaban :** 
	PIlih Done **Jawaban:**

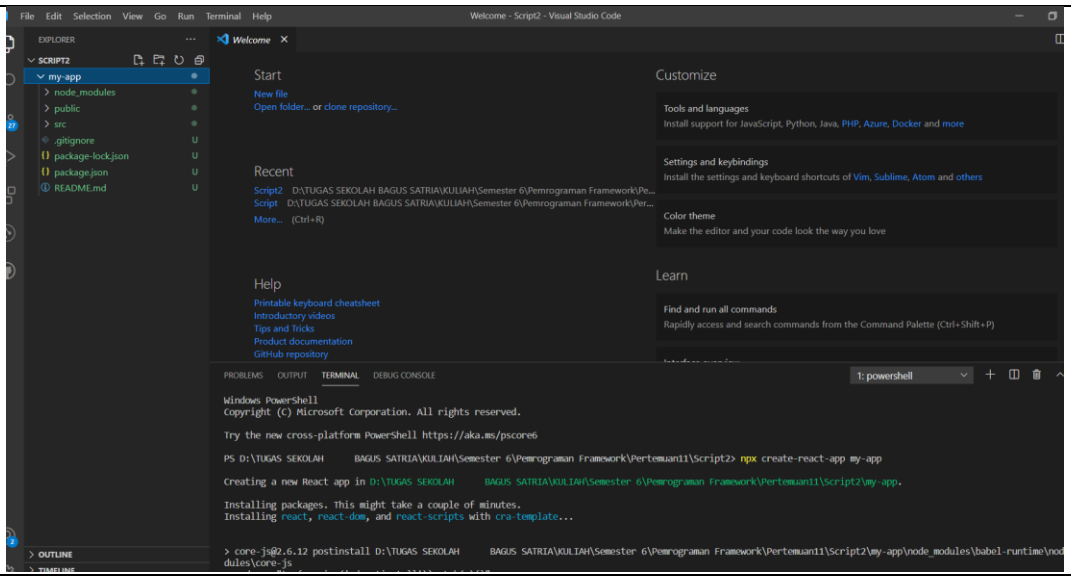




Setting react app dan firebase

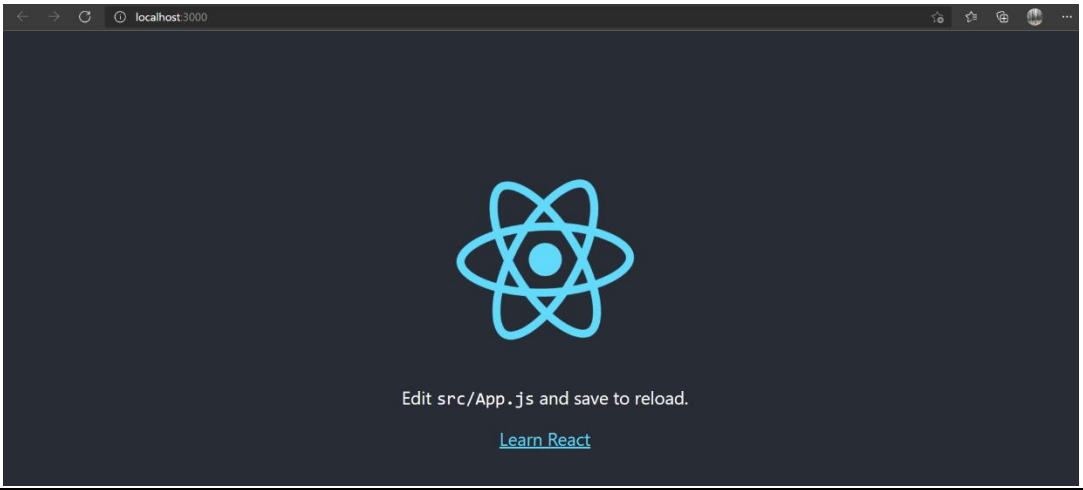
Buat aplikasi baru dengan perintah

Jawaban :



Install project baru dengan perintah

Jawaban :



Install firebase

Jawaban :

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install -g firebase-tools
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
C:\Users\ROG SERIES\AppData\Roaming\npm\firebase -> C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\lib\bin\firebase.js

> re2@1.15.9 install C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\re2
> install-from-cache --artifact build/Release/re2.node --host-var RE2_DOWNLOAD_MIRROR || npm run rebuild

Trying https://github.com/uhop/node-re2/releases/download/1.15.9/win32-x64-83.br ...
Writing to build/Release/re2.node ...
Done.

> protobufjs@6.10.2 postinstall C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\protobufjs
> node scripts/postinstall

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.1 (node_modules\firebase-tools\node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32

+ firebase-tools@9.10.0
added 635 packages from 411 contributors in 261.542s
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> firebase login
i  Firebase optionally collects CLI usage and error reporting information to help improve our products. Data is collected in accordance with Google's privacy policy (htt
ps://policies.google.com/privacy) and is not used to identify you.

? Allow Firebase to collect CLI usage and error reporting information? Yes
i  To change your data collection preference at any time, run `firebase logout` and log in again.

Visit this URL on this device to log in:
https://accounts.google.com/o/oauth2/auth?client_id=563584335869-fgrhgmd47bqnekij5i8b5pr03ho849e6.apps.googleusercontent.com&scope=email%20openid%20https%3A%2F%2Fwww.goo
gleapis.com%2Fauth%2Fcloudplatformprojects.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Ffirebase%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform&respo
nse_type=code&state=905709923&redirect_uri=http%3A%2F%2Flocalhost%3A9005

Waiting for authentication...

+  Success! Logged in as satriabagusputra123@gmail.com
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> firebase init

     ######## #### ########  ######## ########     ###     ######  ########
     ##        ##  ##     ## ##       ##     ##  ##   ##  ##       ##
     ######    ##  ########  ######   ########  #########  ######  ######
     ##        ##  ##    ##  ##       ##     ## ##     ##       ## ##
     ##       #### ##     ## ######## ########  ##     ##  ######  ########

You're about to initialize a Firebase project in this directory:

  D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app

? Are you ready to proceed? (Y/n)
```

Pilih setting untuk firebase nya firebase dan Hosting

Jawaban :

```
? Which Firebase CLI features do you want to set up for this folder? Press Space to select features, then Enter to confirm your choices.
 ( ) Database: Configure Firebase Realtime Database and deploy rules
 (*) Firestore: Deploy rules and create indexes for Firestore
 ( ) Functions: Configure and deploy Cloud Functions
>(*) Hosting: Configure and deploy Firebase Hosting sites
 ( ) Storage: Deploy Cloud Storage security rules
 ( ) Emulators: Set up local emulators for Firebase features
 ( ) Remote Config: Get, deploy, and rollback configurations for Remote Config
```

Pilih build jangan pilih Do not choose public

Jawaban :

```
? Are you ready to proceed? Yes
? Which Firebase CLI features do you want to set up for this folder? Press Space to select features, then Enter to confirm your choices. Firestore: Deploy rules and crea
te indexes for Firestore, Hosting: Configure and deploy Firebase Hosting sites

=== Project Setup

First, let's associate this project directory with a Firebase project.
You can create multiple project aliases by running firebase use --add,
but for now we'll just set up a default project.

? Please select an option: Use an existing project
? Select a default Firebase project for this directory: login2-a5beb (login2)
i  Using project login2-a5beb (login2)

=== Firestore Setup

Firestore Security Rules allow you to define how and when to allow
requests. You can keep these rules in your project directory
and publish them with firebase deploy.

? What file should be used for Firestore Rules? firestore.rules

Firestore indexes allow you to perform complex queries while
maintaining performance that scales with the size of the result
set. You can keep index definitions in your project directory
and publish them with firebase deploy.

? What file should be used for Firestore indexes? firestore.indexes.json
```

Pilih

Jawaban :

```
Your public directory is the folder (relative to your project directory) that
will contain Hosting assets to be uploaded with firebase deploy. If you
have a build process for your assets, use your build's output directory.

? What do you want to use as your public directory? public
? Configure as a single-page app (rewrite all urls to /index.html)? Yes
? Set up automatic builds and deploys with GitHub? No
? File public/index.html already exists. Overwrite? No
i  Skipping write of public/index.html

i  Writing configuration info to firebase.json...
i  Writing project information to .firebaserc...

+  Firebase initialization complete!
```

Untuk membangun firebase

Jawaban :

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm run build

> my-app@0.1.0 build D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app
> react-scripts build

Creating an optimized production build...
Compiled successfully.

File sizes after gzip:

  41.34 KB  build\static\js\2.910eb6d6.chunk.js
  1.56 KB   build\static\js\3.705cb397.chunk.js
  1.17 KB   build\static\js\runtime-main.f3336911.js
  591 B     build\static\js\main.d140091e.chunk.js
  574 B     build\static\css\main.9d5b29c0.chunk.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:

  https://cra.link/deployment
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> firebase serve

=== Serving from 'D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app'...

i  hosting: Serving hosting files from: public
+  hosting: Local server: http://localhost:5000
i  hosting: 127.0.0.1 - - [25/Apr/2021:14:24:48 +0000] "GET / HTTP/1.1" 200 1721 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Ch
rome/90.0.4430.85 Safari/537.36 Edg/90.0.818.46"
URIError: URI malformed
    at decodeURI (<anonymous>)
    at Responder.provider (C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\providers\fs.js:71:16)
    at C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\middleware\files.js:225:37
    at processTicksAndRejections (internal/process/task_queues.js:93:5)
i  hosting: 127.0.0.1 - - [25/Apr/2021:14:24:48 +0000] "GET /%PUBLIC_URL%/favicon.ico HTTP/1.1" 500 - "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64)
 AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.85 Safari/537.36 Edg/90.0.818.46"
URIError: URI malformed
    at decodeURI (<anonymous>)
    at Responder.provider (C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\providers\fs.js:71:16)
    at C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\middleware\files.js:225:37
    at processTicksAndRejections (internal/process/task_queues.js:93:5)
i  hosting: 127.0.0.1 - - [25/Apr/2021:14:24:49 +0000] "GET /%PUBLIC_URL%/manifest.json HTTP/1.1" 500 - "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; Win64; x6
4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.85 Safari/537.36 Edg/90.0.818.46"
i  hosting: 127.0.0.1 - - [25/Apr/2021:14:24:52 +0000] "GET / HTTP/1.1" 200 1721 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Ch
rome/90.0.4430.85 Safari/537.36 Edg/90.0.818.46"
URIError: URI malformed
    at decodeURI (<anonymous>)
    at Responder.provider (C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\providers\fs.js:71:16)
    at C:\Users\ROG SERIES\AppData\Roaming\npm\node_modules\firebase-tools\node_modules\superstatic\lib\middleware\files.js:225:37
    at processTicksAndRejections (internal/process/task_queues.js:93:5)
i  hosting: 127.0.0.1 - - [25/Apr/2021:14:24:52 +0000] "GET /%PUBLIC_URL%/manifest.json HTTP/1.1" 500 - "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; Win64; x6
4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.85 Safari/537.36 Edg/90.0.818.46"
URIError: URI malformed
    at decodeURI (<anonymous>)
```

Instalasi Redux

Install Redux dan react redux, redux thunk

Jawaban :

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install redux
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ redux@4.1.0
added 1 package and audited 2036 packages in 32.143s

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

found 0 vulnerabilities
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install react-redux
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ react-redux@7.2.4
added 8 packages from 52 contributors and audited 2044 packages in 16.942s

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

found 0 vulnerabilities
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install redux-thunk
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ redux-thunk@2.3.0
added 1 package from 1 contributor and audited 2046 packages in 19.036s

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

found 0 vulnerabilities
```

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install react-router-dom
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ react-router-dom@5.2.0
added 10 packages from 5 contributors and audited 2056 packages in 20.43s

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

found 0 vulnerabilities
```

Install firebase

Jawaban :

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install firebase
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ firebase@8.4.2
updated 1 package and audited 2056 packages in 39.338s

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

found 0 vulnerabilities
```

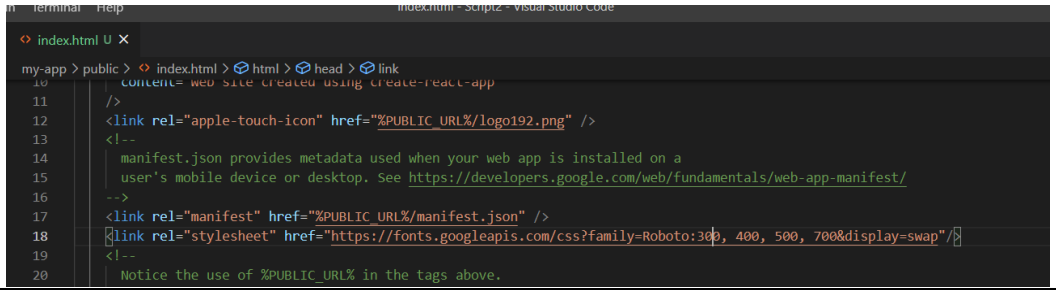
Pilih UI library

Jawaban :

```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install @material-ui/core
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ @material-ui/core@4.11.3
added 26 packages from 19 contributors and audited 2082 packages in 23.836s

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

found 0 vulnerabilities
```

Paste kan file public/index.html

Jawban :



Install material icon

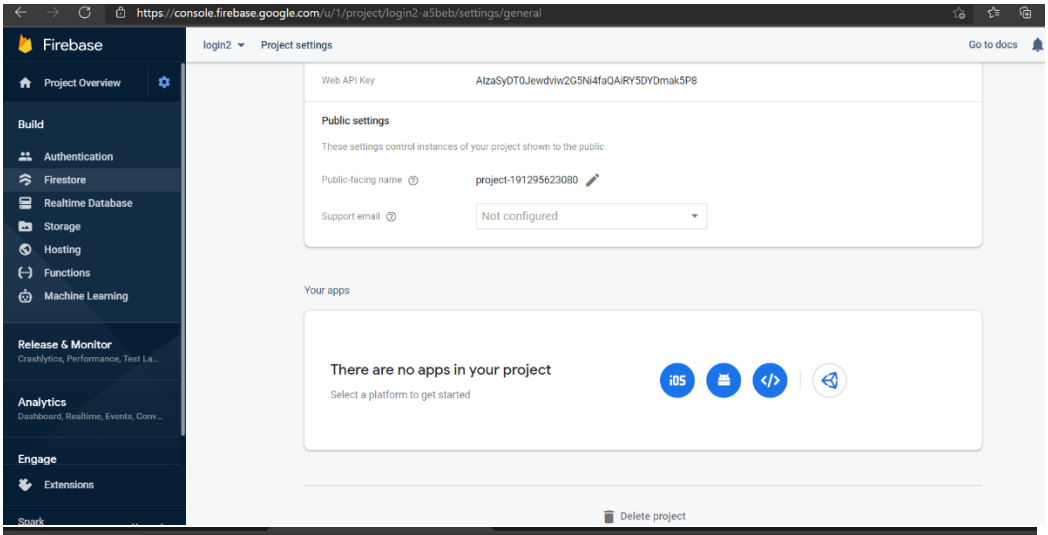
Jawaban :

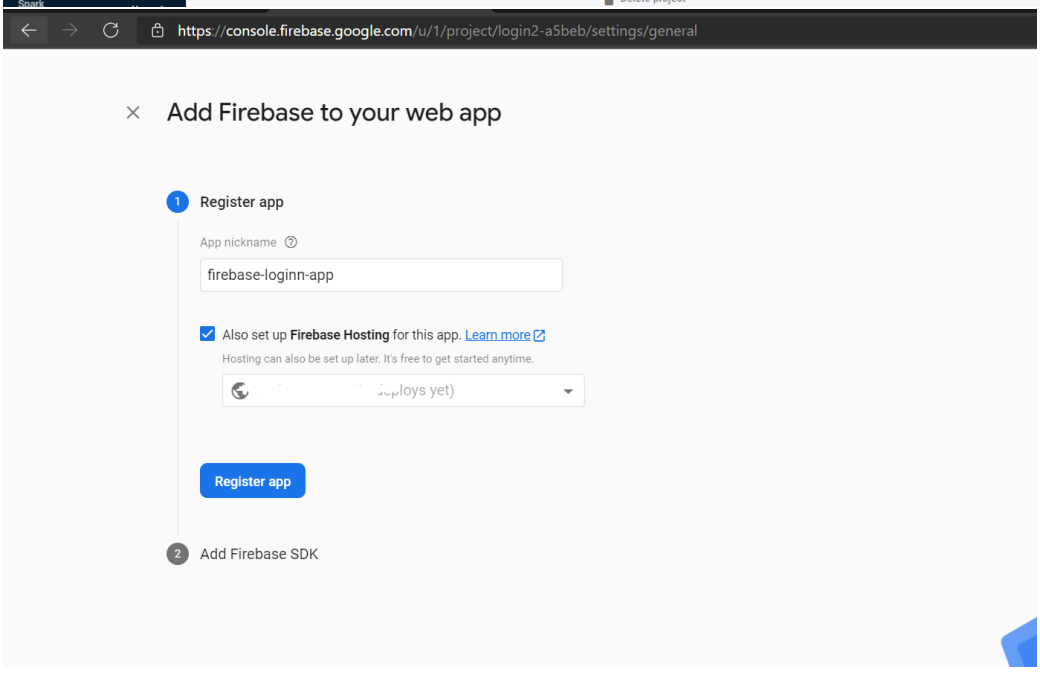
```
PS D:\TUGAS SEKOLAH      BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan11\Script2\my-app> npm install @material-ui/icons
npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer depen
dencies yourself.
npm WARN tsutils@3.21.0 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.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ @material-ui/icons@4.11.2
added 1 package from 1 contributor and audited 2083 packages in 90.181s

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

found 0 vulnerabilities
```

Setting firebase config

Pilih project setting

Jawaban :



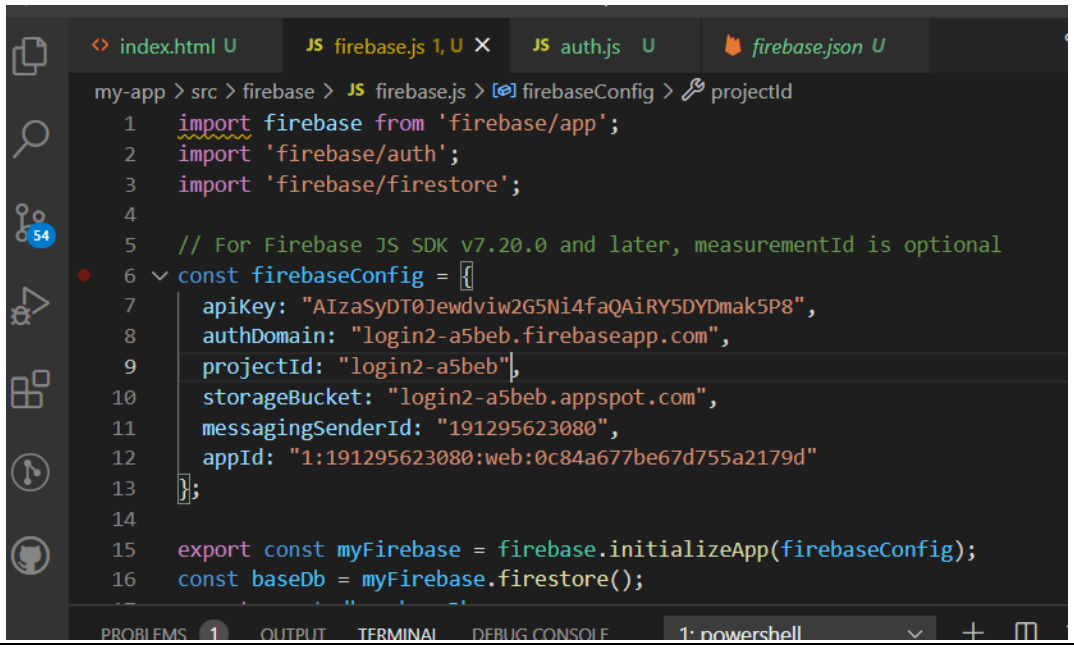


Pilih config

Jawaban :

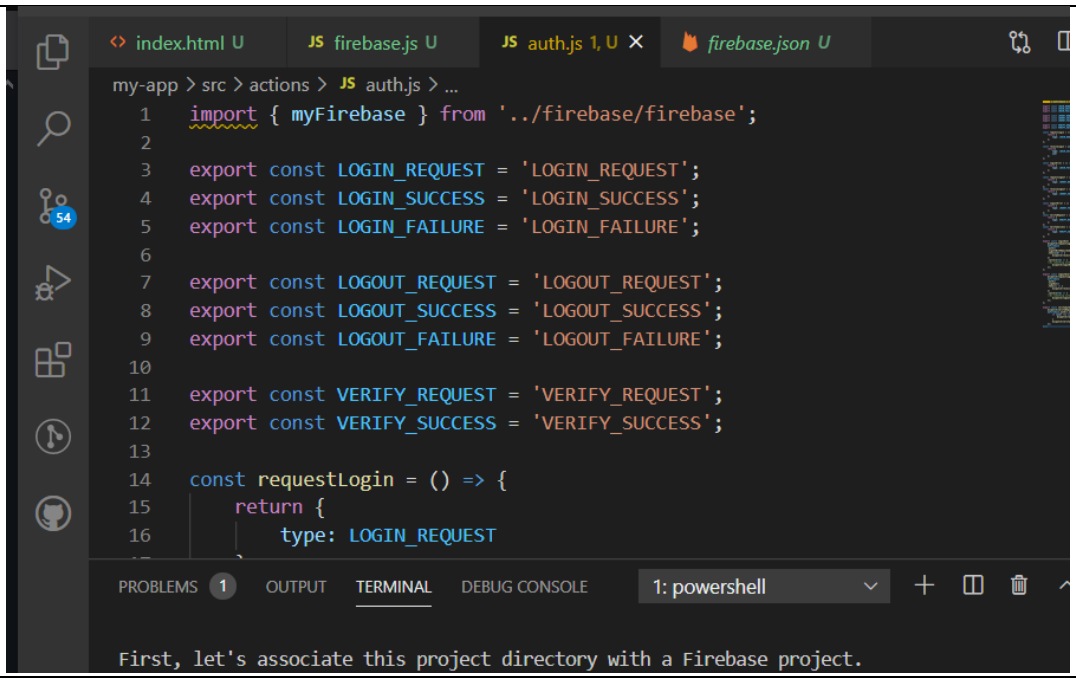
Edit firebase/firebase.js

Jawaban :



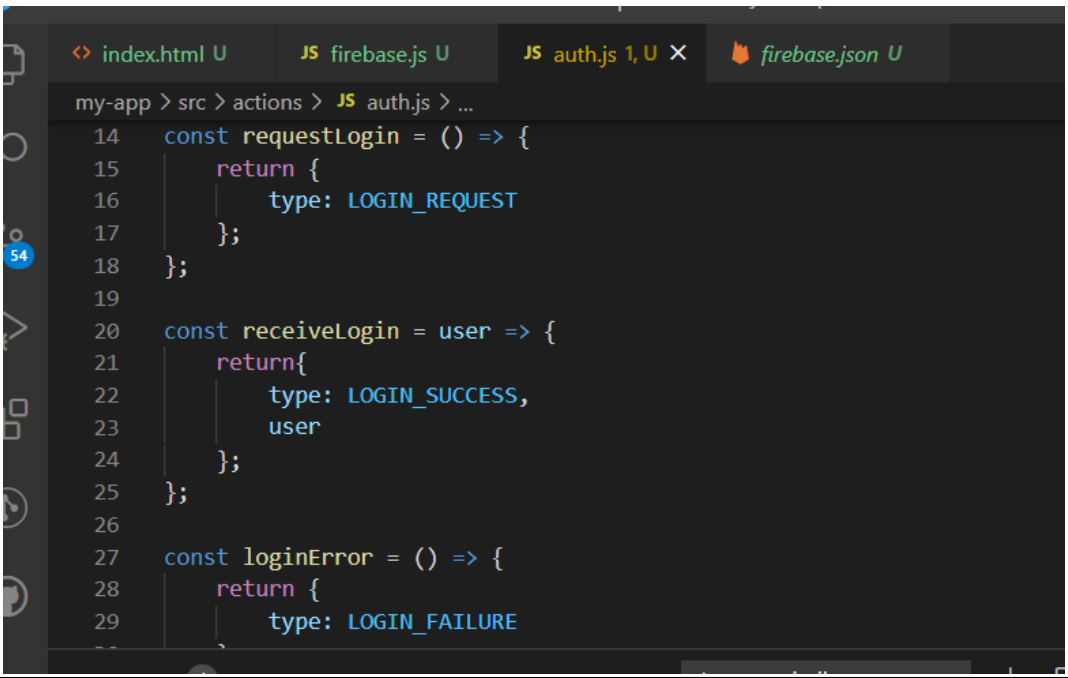
Edit actions/auth.js

Jawaban :



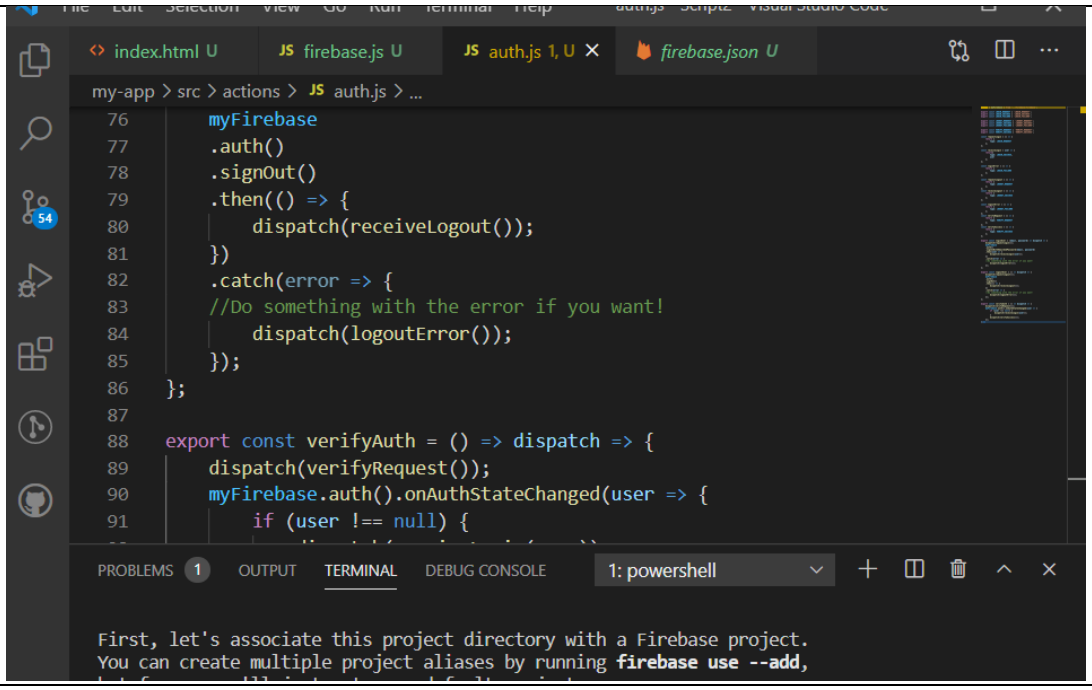
user requesting to login masih dalam actions/auth.js

Jawaban :



edit loginUser()

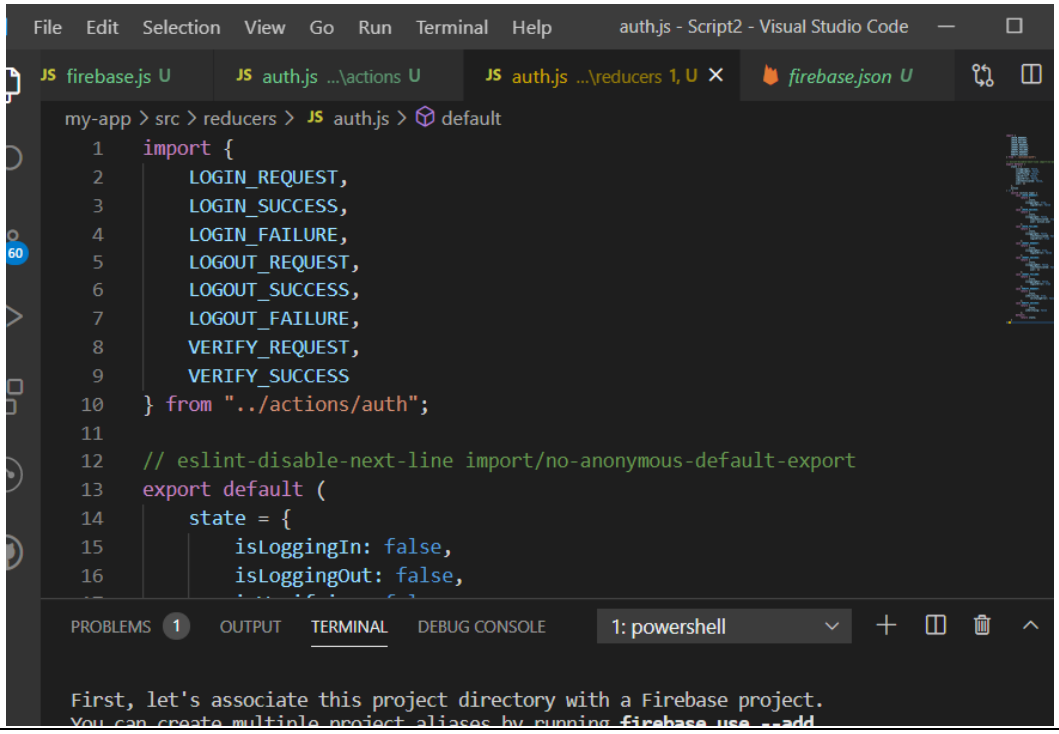
Jawaban :



Setting reducer

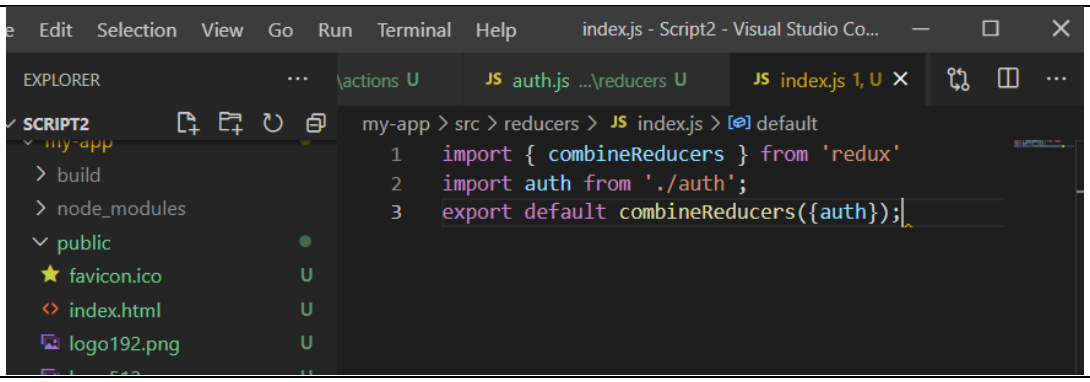
Buka reducers/auth.js

Jawaban :



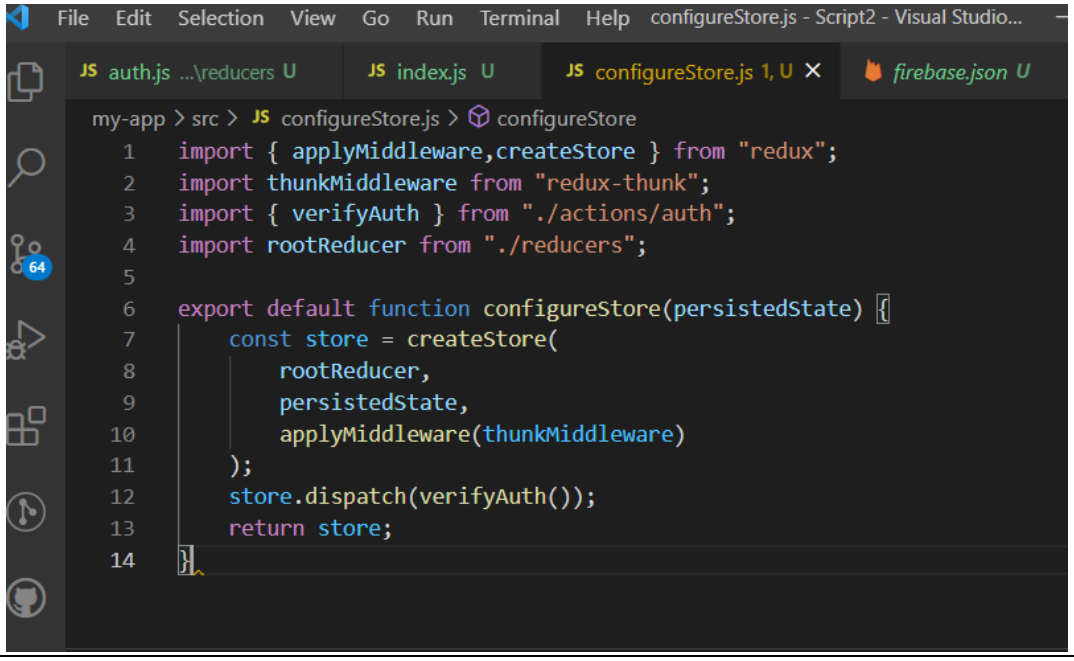
Edit reducers/index.js

Jawaban :



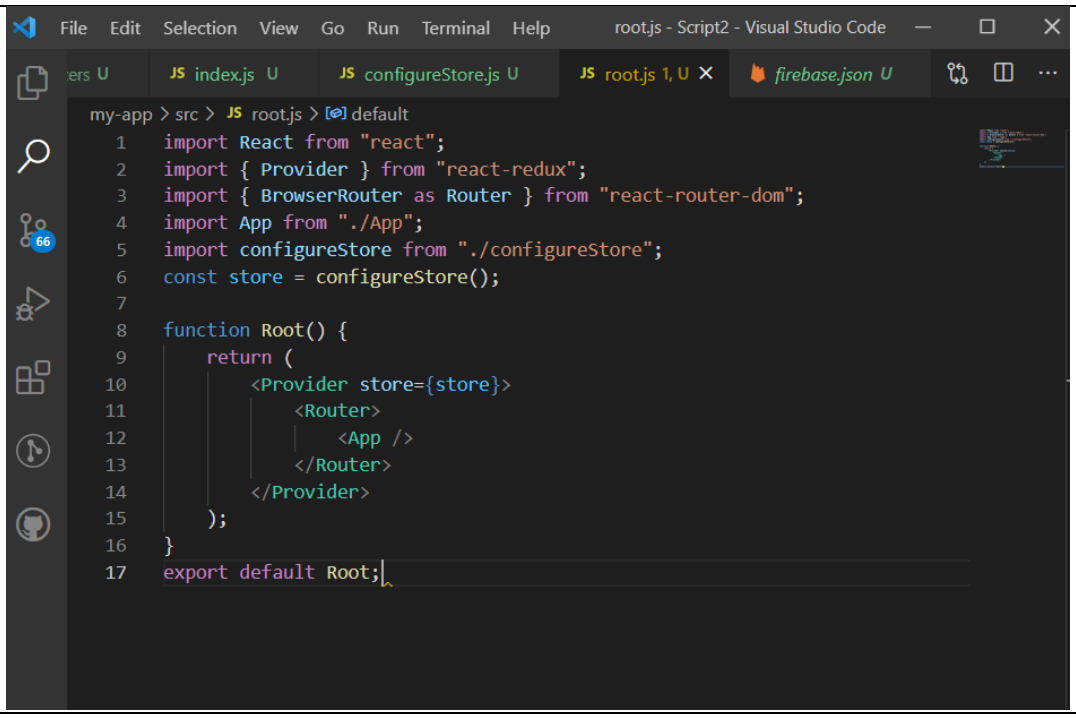
Pilih src folder called configureStore.js dan edit

Jawaban :



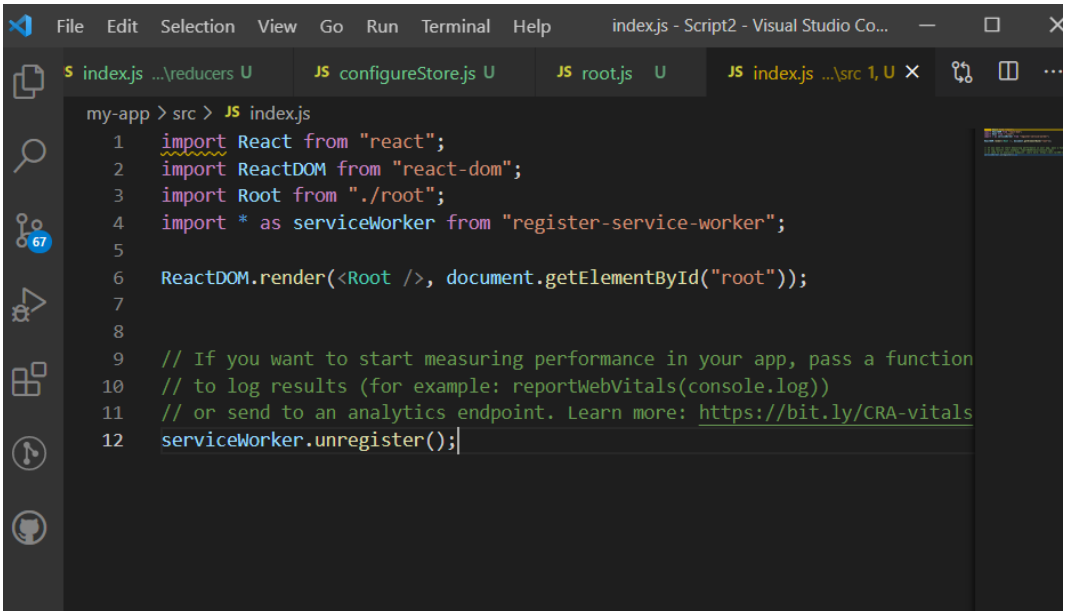
Pilih dan edit folder src dan root.js

Jawaban :



Pilih dan edit folder src/index.js

Jawaban :



Buat lah coding App.js

Jawaban :

```
import React from "react";
import { Route, Switch } from "react-router-dom";
import { connect } from "react-redux";
import ProtectedRoute from "./components/protectedRoute";
import Home from "./components/Home";
import Login from "./components/Login";
function App(props) {
  const { isAuthenticated, isVerifying } = props;
  return (
    <Switch>
    <ProtectedRoute
      exact
      path="/"
      component={Home}
      isAuthenticated={isAuthenticated}
      isVerifying={isVerifying}
    />
    <Route path="/login" component={Login} />
    </Switch>
  );
}
function mapStateToProps(state) {
```

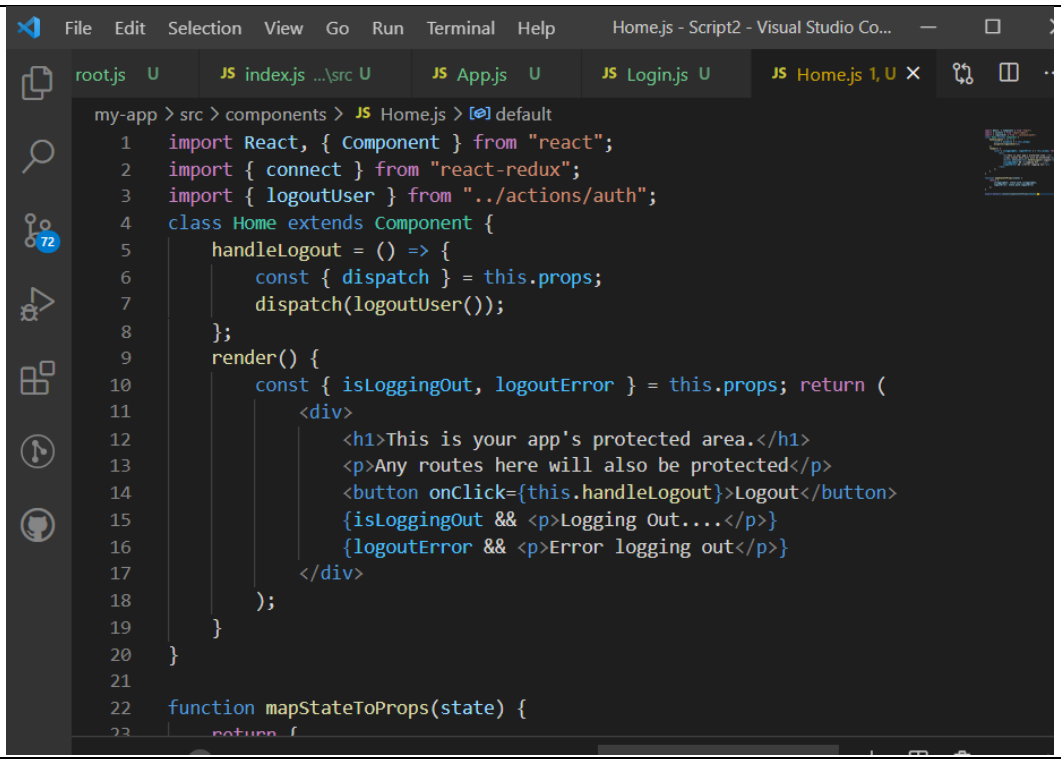
Buatlah file dan simpan components/Login.js

Jawaban :

```
import React, { Component } from "react";
import { connect } from "react-redux";
import { Redirect } from "react-router-dom";
import { loginUser } from "../actions/auth";
import { withStyles } from "@material-ui/styles";
import Avatar from "@material-ui/core/Avatar";
import Button from "@material-ui/core/Button";
import TextField from "@material-ui/core/TextField";
import LockOutlinedIcon from "@material-ui/icons/LockOutlined";
import Typography from "@material-ui/core/Typography";
import Paper from "@material-ui/core/Paper";
import Container from "@material-ui/core/Container";

const styles = () => ({
    "@global": {
        body: {
            backgroundColor: "#fff"
        }
    },
    paper: {
        marginTop: 100,
        display: "flex",
```

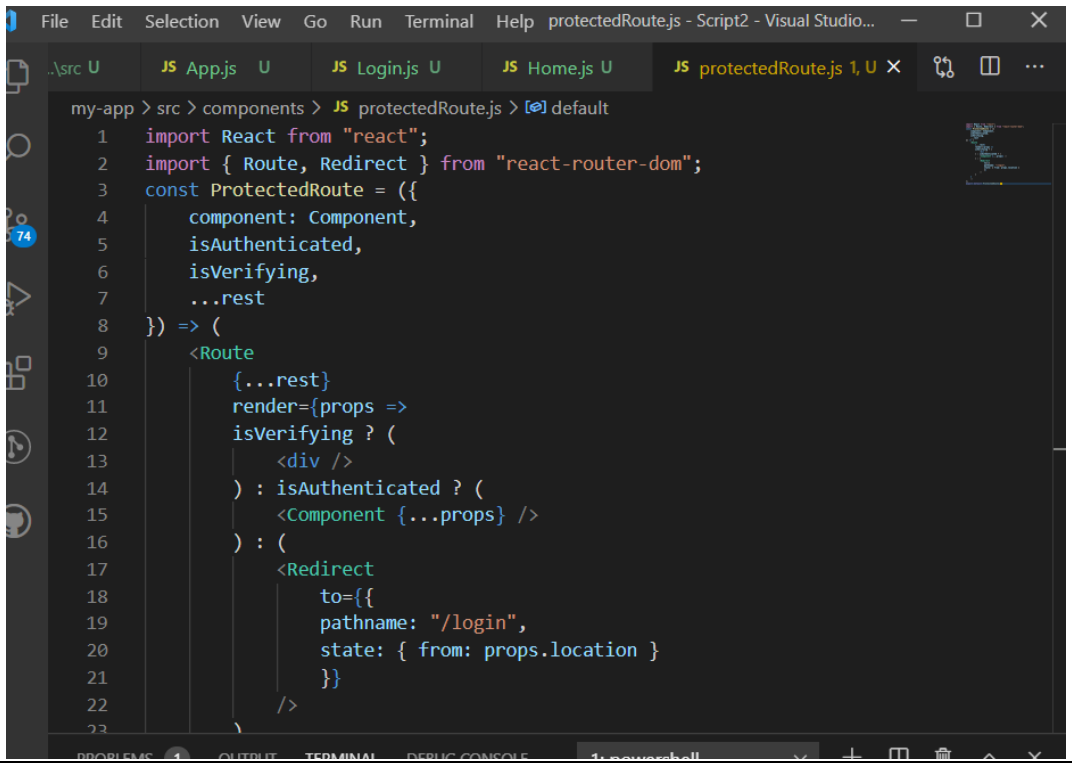
Buka component/Home.js

Jawaban :



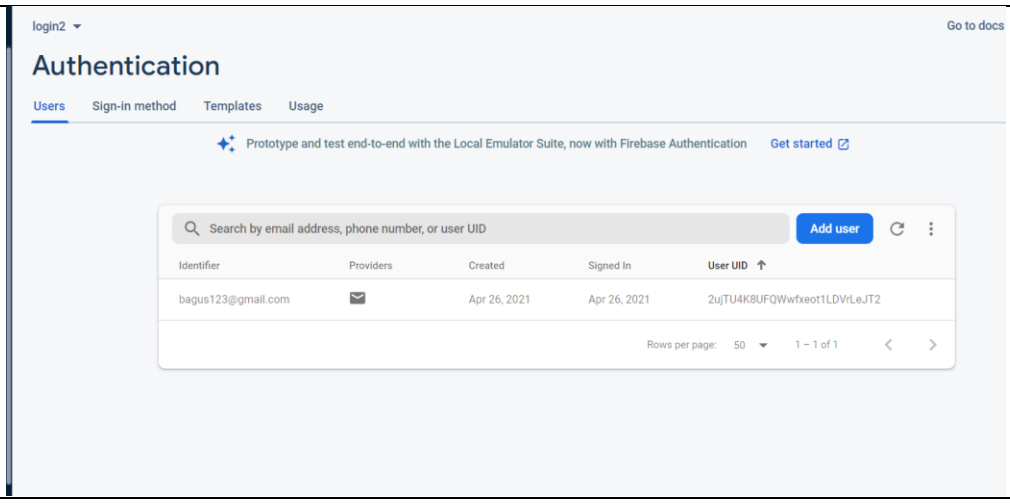
Buatfile dalam folder /src/component/ dengan nama protectedRoute.js

Jawaban :



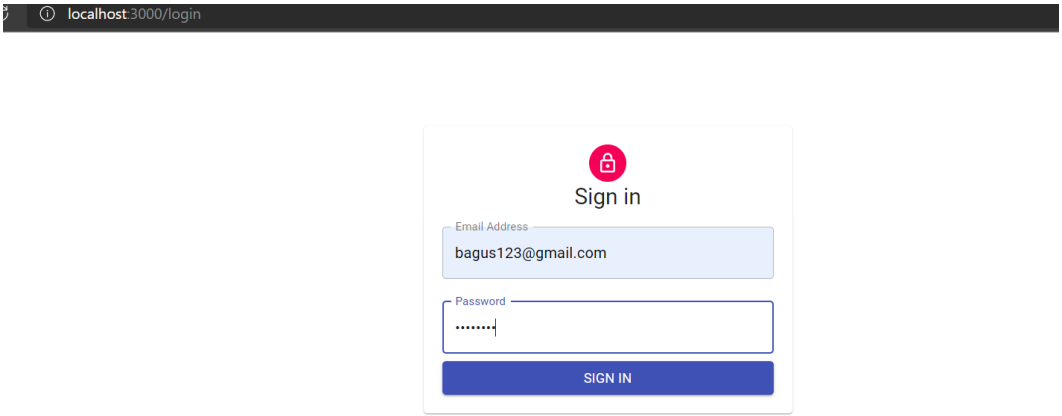
MAsuk ke firebase console kemudian add user

Jawaban :



Pilih npm start kemudian masukkan username dan password

Jawaban :



Kemudian masuk ke dalam halaman beranda

Jawaban :

--Alhamdulillah--