

**LAPORAN HASIL PRAKTIKUM
PEMPROGAMAN WEB & MOBILE**



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KELAS : A
MODUL : V (REACT NATIVE)

JURUSAN TEKNIK INFORMATIKA
FAKULTAS TEKNIK
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BAB I

LANDASAN TEORI

1.1. INSTALL CHOCOLATY

Klik search, ketikkan “cmd” jika sudah muncul “Comamnd Prompt” klik kanan lalu “Run As Administrator” Jalankan perintah di bawah ini, boleh di copas

```
@ "%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe" -NoProfile -InputFormat None -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))" && SET "PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin"
```

Tunggu sampai proses selesai.

1.2. INSTALL JDK, NODE.JS, DAN PHYTON

Ketikkan perintah dibawah di CMD tadi

```
choco install -y nodejs.install python2 jdk8
```

Tunggu sampai selesai.

1.3. INSTALL ANDROID STUDIO

Jika sebelumnya sudah install android studio, bisa langsung ke step selanjutnya. Jika belum, silahkan download dan install softwarenya pada link di bawah ini.

```
https://developer.android.com/studio/
```

1.4. INSTALL ANDROID SDK

Caranya, jalankan android studio, saat di halaman “Welcome to Android Studio” klik Menu Configure lalu pilih “SDK Manager”.

Pilih Tab “SDK Platforms” pada SDK Manager, kemudian cek pada list Android 9.0 (Pie) dan Android 8.0 (Oreo).

Kemudian cek “Show Package Details” yang ada di kanan bawah.

Pastikan cek

- Android SDK Platform 28 & 26
- Source for android 28 & 26
- Intel x86 Atom_64 System Image atau Google APIs Intel x86 Atom System Image

Kemudian pilih tab “SDK Tools” dan cek “Show Package Details” di kanan bawah. Cari “Android SDK Build-Tools”, pastikan bahwa **28.0.3** sudah di cek.

Cek juga “Android Emulator, Android SDK Platform-Tools, Android SDK Tools”.

Jika sudah, klik “Apply” lalu akan muncul popup info yang akan didownload ber GB, jika sudah yakin klik “OK”.

Tunggu sampai proses download selesai ya.

1.5. SETUP PATH ENVIRONMENT VARIABLE

Klik menu pencarian, ketikkan “path” klik “edit the system environment variables”.

Pada tab “Advanced” klik “environment variable...” di kanan bawah.

Pada “User variables”, klik “New” dan isikan

```
variable name : ANDROID_HOME
```

```
variable value :
```

```
c:\Users\YOUR_USERNAME\AppData\Local\Android\Sdk
```

ganti “YOUR_USERNAME” sesuai yang ada di PC.

Lanjut, klik variabel “path”, kemudian klik edit. Klik New lalu masukkan path platform-tools.

```
c:\Users\YOUR_USERNAME\AppData\Local\Android\Sdk\platform-  
tools
```

Setelah selesai, klik “OK” “OK”.

1.6. INSTALL REACT NATIVE CLI

Tutup CMD lalu buka lagi. Lalu ketikkan :

```
npm install -g react-native-cli
```

Tunggu sampai selesai.

1.7. BUAT APLIKASI PERTAMAMU

ketikkan

```
react-native init ProjectSaya
```

untuk pertama kali, ini akan memerlukan waktu agak lama. Tunggu sampai selesai.

1.8. SETTING DEVICE/EMULATOR KAMU

Tancapkan HP dengan kabel ke PC.

Pastikan developer mode sudah aktif dan “USB Debugging” di aktifkan juga.

Setelah itu cek di CMD apakah sudah terdeteksi dengan cara ketik

```
adb devices
```

jika sudah muncul bisa lanjut ke tahap berikutnya, jika belum setting dulu HPnya yaa..

1.9. MENJALANKAN REACT NATIVE APP DI HP

kembali ke CMD, ketik

```
cd ProjectSaya  
  
react-native run-android
```

Tunggu sampai selesai, lihat HP kalo ada aplikasi menanyakan izin instalasi, klik “Ijinkan”.

Kalau error, cek errornya lalu dibenerin. hehehe

Kalau sukses, harusnya sudah muncul di HP. Selamat ya...

1.10. EDIT CODINGAN APP

Setelah sukses menjalankan app, selanjutnya modifikasi isi programnya.

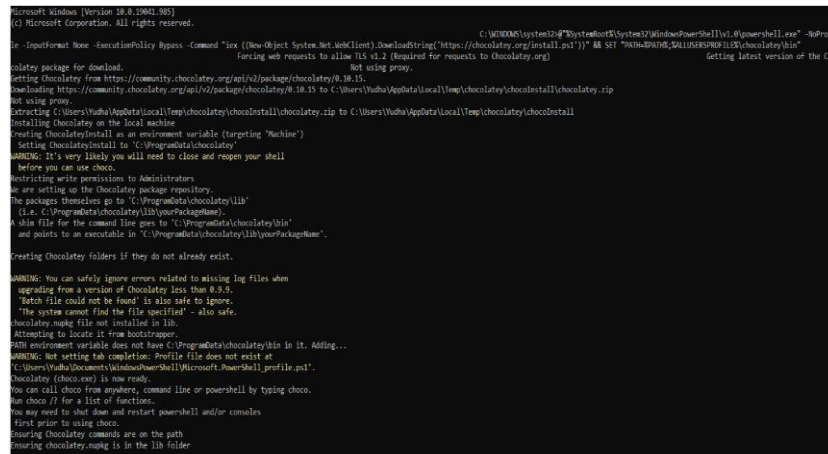
Buka folder ProjectSaya dengan editor kesukaan (Sublime, Atom, Pspad, dll)

Cari App.js, edit beberapa teks lalu save.

Kembali ke HP, klik menu lalu “Reload”, lihat apa yang terjadi.

PEMBAHASAN

2.1. Install Chocolaty



Gambar 2.1 instal chocolaty

Pada bagian ini digunakan untuk menginstal chocolaty dimana pada bagian ini hanya perlu mengetikkan coding yang terdapat pada landasan teori, pada bagian ini diharuskan menggunakan cmd run as administrator agar dapat berjalan dengan baik dan ketikkan

```
@ "%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe" -NoProfile -InputFormat None -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))" && SET "PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin"
```

2.2. install jdk, node.js, dan phyton

```
C:\WINDOWS\system32>choco install -y nodejs.install python2 jdk8
Chocolatey v0.9.9
Installing the following packages:
nodejs.install,python2.jdk8
By installing you accept licenses for the packages.
Progress: Downloading nodejs.install 16.1.0... 100%

nodejs.install v16.1.0 [Approved]
nodejs.install package files install completed. Performing other installation steps.
Installing 64-bit version
Installing nodejs.install...
nodejs.install has been installed.
nodejs.install may be able to be automatically uninstalled.
Environment vars (like PATH) have changed. Closest your shell to
run the changes (or to avoid this, use the --no-setenv flag).
The install of nodejs.install was successful.
Software installed as 'cli', install location is likely default.
Progress: Downloading python2 2.7.18... 100%

python2 v2.7.18 [Approved]
python2 package files install completed. Performing other installation steps.
Installing 64-bit python2...
python2 has been installed.
Installed to 'C:\Python27'
Adding C:\Python27 to PATH if needed
python2 may be able to be automatically uninstalled.
Environment vars (like PATH) have changed. Closest your shell to
run the changes (or to avoid this, use the --no-setenv flag).
The install of python2 was successful.
Software installed as 'cli', install location is likely default.
Progress: Downloading jdk8 8.0.211... 100%

jdk8 v8.0.211 [Approved]
jdk8 package files install completed. Performing other installation steps.
Downloading JDK from https://javadl.oracle.com/webapps/download/GetFile/1.8.0_211-b12/47ba2b7d4e34b78671c754eaf38ab/windows-1586/jdk-8u211-windows-x64.exe
```

Gambar 2.1 instal jdk,node dan phyton

pada bagian ini juga digunakan cmd run as administrator yang mana bagian ini digunakan untuk menginstal 3 paket yaitu jdk,node js dan phyton pada bagian ini diketikan

```
choco install -y nodejs.install python2 jdk8
```

2.3. install android studio

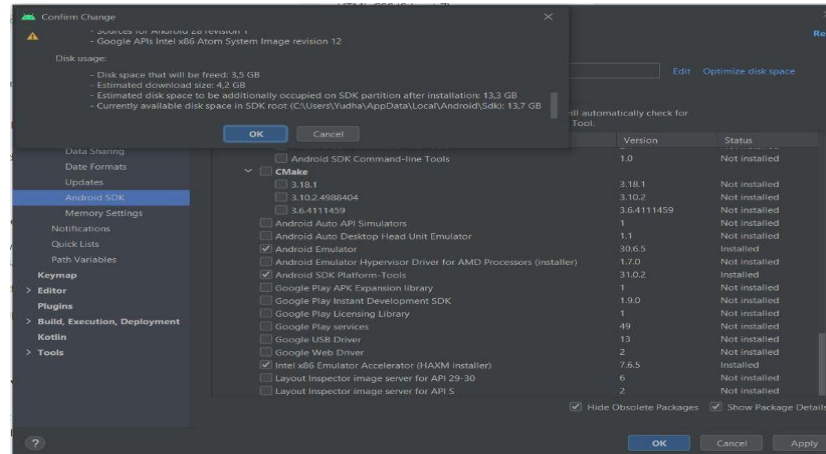


Gambar 2.3 tampilan download

pada bagian ini akan di instalkan android studio untuk mencoba react native yang mana tidak perlu hp untuk mencobanya, tampilan di atas merupakan tampilan website untuk mendownload android studio dimana link yang digunakan untuk mendownload adalah

<https://developer.android.com/studio/>

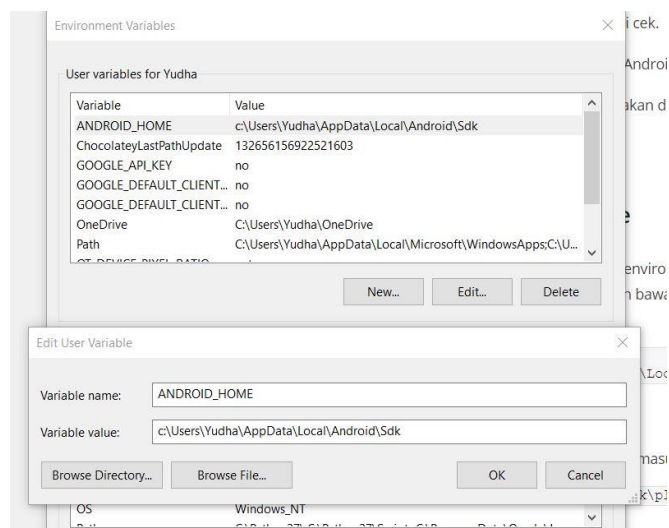
2.4. install android sdk



Gambar 2.4 setting sdk manager

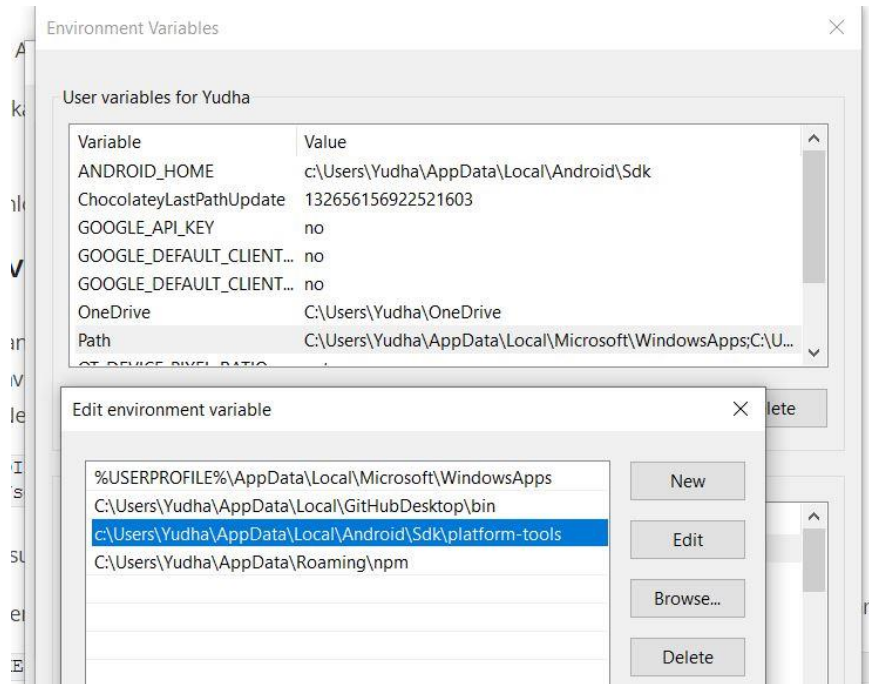
Pada bagian ini digunakan untuk mengatur sdk pada android studio dimana pada bagian ini dipilih pilihan tertentu seperti pada landasan teori dan ketika pilihan yang dipilih tersedia akan dimunculkan paket yang akan didownload dengan total memori yang dipilih

2.5. setup path environment variable



Gambar 2.5 mengatur environment

pada bagian ini digunakan untuk mengatur path pada environment variable yang mana diberi nama android_home dan memiliki penyimpanan seperti gambar di atas



Gambar 2.6 mengatur path

Pada bagian ini digunakan untuk mengatur path, pada bagian path ditambahkan environment baru seperti gambar di atas yang mana akan diatur sesuai gambar

2.6. install react native cli

```
Microsoft Windows [Version 10.0.19041.985]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Yudha>npm install -g react-native-cli
npm notice
npm notice New minor version of npm available! 7.11.2 -> 7.13.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v7.13.0
npm notice Run npm install -g npm@7.13.0 to update!
npm notice
added 81 packages, and audited 82 packages in 20s

36 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities
npm notice
npm notice New minor version of npm available! 7.11.2 -> 7.13.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v7.13.0
npm notice Run npm install -g npm@7.13.0 to update!
npm notice
C:\Users\Yudha>
```

Gambar 2.7 instal react native

Pada bagian ini digunakan untuk menginstal react native yang mana akan digunakan untuk keperluan yang akan datang pada tutorial selanjutnya untuk menginstal react native diketikan

```
npm install -g react-native-cli
```

2.7. buat aplikasi pertamamu

```
C:\Users\Yudha>react-native init ProjectSaya
This will walk you through creating a new React Native project in C:\Users\Yudha\ProjectSaya
Using yarn v1.22.10
Installing react-native...
yarn add v1.22.10
info No lockfile found.
warning react-native > @react-native-community/cli > metro > metro-minify-uglify > uglify-es@3.3.0: support for ECMAScript is superseded by 'uglify-js' as of v3.13.0
warning react-native > react-native-codegen > jscodeshift > micromatch > snapdragon > source-map-resolve > resolve-url@0.2.1: https://github.com/lydell/resolve-url-deprecated
warning react-native > react-native-codegen > jscodeshift > micromatch > snapdragon > source-map-resolve > url@1.1.0: Please see https://github.com/lydell/url-deprecated
[3/4] Fetching packages...
info resolve@12.1.2: The platform "win32" is incompatible with this module.
info "react-native@0.72.0" is an optional dependency and failed compatibility check. Excluding it from installation.
[3/4] Linking dependencies...
warning "react-native > metro-react-native-babel-transformer@0.64.0" has unmet peer dependency "@babel/core@*".
warning "react-native > use-subscription@1.5.1" has unmet peer dependency "react@16.8.0 || ^17.0.0".
warning "react-native > react-native-codegen > jscodeshift@0.11.0" has unmet peer dependency "@babel/preset-env@7.1.6", warning " > react-native@0.64.1" has unmet peer dependency "react@17.0.1".
[4/4] Building fresh packages...

success Saved lockfile.
success Saved 377 new dependencies.
info Direct dependencies
└─ react-native@0.72.0
info All dependencies
├─ @babel/compat-data@7.14.0
├─ @babel/helper-builder-binary-assignment-operator-visitor@7.12.13
├─ @babel/helper-compilation-targets@7.13.16
├─ @babel/helper-create-regexp-features-plugin@7.12.17
├─ @babel/helper-environment-visitor@7.13.0
├─ @babel/helper-function-name@7.14.2
├─ @babel/helper-get-function-arity@7.12.13
├─ @babel/helper-module-imports@7.13.12
├─ @babel/helper-module-transforms@7.14.2
├─ @babel/helper-replace-supers@7.13.12
├─ @babel/helper-skip-transparent-shadows@7.13.12
├─ @babel/helpers@7.14.0
├─ @babel/plugin-proposal-class-properties@7.13.0
├─ @babel/plugin-proposal-export-default-from@7.12.13
├─ @babel/plugin-proposal-nullish-coalescing-operator@7.14.2
├─ @babel/plugin-proposal-optional-catch-binding@7.14.2
├─ @babel/plugin-proposal-optional-chaining@7.14.2
├─ @babel/plugin-syntax-class-properties@7.12.13
├─ @babel/plugin-syntax-dynamic-import@7.8.3
├─ @babel/plugin-syntax-export-default-from@7.12.13
├─ @babel/plugin-syntax-flow@7.12.13
├─ @babel/plugin-syntax-jsx@7.12.13
├─ @babel/plugin-syntax-nullish-coalescing-operator@7.8.3
├─ @babel/plugin-syntax-object-rest-spread@7.8.3
├─ @babel/plugin-syntax-optional-catch-binding@7.8.3
├─ @babel/plugin-syntax-optional-chaining@7.8.3
```

Gambar 2.8 mmebuat project

Pada bagian ini digunakan untuk membuat project yang akan dijadikan aplikasi pada smartphone cara membuat project digunakan cmd sebagai berikut

```
react-native init ProjectSaya
```

2.8. setting device/emulator kamu

```
C:\Users\Yudha>adb devices
List of devices attached
15c868c7    device

C:\Users\Yudha>
```

Gambar 2.9 cek device terhubung

pada bagian ini digunakan untuk menampilkan apakah smartphone telah terhubung dengan computer dan bisa dilakukan debugging, pada bagian ini akan muncul daftar device yang terhubung

adb devices

2.9. menjalankan react native app di hp

```
C:\Users\Yudha\ProjectSaya>cd ProjectSaya
C:\Users\Yudha\ProjectSaya>react-native run-android
The system cannot find the path specified.
C:\Users\Yudha\ProjectSaya>react-native run-android
Info: Running jetifier to migrate libraries to AndroidX. You can disable it using "-no-jetifier" flag.
(node:6890) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(node) Use --trace-warnings ... to show where the warning was created
Jetifier found 983 file(s) to forward-jetify. Using 8 workers...
Info: JS server already running.
Info: Installing the app...
Checking the license for package Android SDK Build-Tools 29.0.2 in c:\Users\Yudha\AppData\Local\Android\Sdk\licenses
License for package Android SDK Build-Tools 29.0.2 accepted.
Preparing "Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)".
"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" ready.
Installing Android SDK Build-Tools 29.0.2 in c:\Users\Yudha\AppData\Local\Android\Sdk\build-tools\29.0.2
"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" complete.
"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" finished.
Checking the license for package Android SDK Platform 29 in c:\Users\Yudha\AppData\Local\Android\Sdk\licenses
License for package Android SDK Platform 29 accepted.
Preparing "Install Android SDK Platform 29 (revision: 5)".
"Install Android SDK Platform 29 (revision: 5)" ready.
Installing Android SDK Platform 29 in c:\Users\Yudha\AppData\Local\Android\Sdk\platforms\android-29
"Install Android SDK Platform 29 (revision: 5)" complete.
"Install Android SDK Platform 29 (revision: 5)" finished.
> Task :app:compileDebugJavaWithJavac
> Task :app:stripDebugDebugSymbols
Unable to strip the following libraries, packaging them as they are: libc++_shared.so, libevent-2.1.so, libevent_core-2.1.so, libevent_extra-2.1.so, libfb.so, libfbjni.so, libflipper.so, libfolly_futures.so, libfolly_json.so, libglog.so, libglog_init.so, libhermes_executor-common-debug.so, libhermes_executor-common-release.so, libhermes_executor-debug.so, libhermes_executor-release.so, libhermes_inspector.so, libimagepipeline.so, libjpeg.so, libjpeg_decoder.so, libjsiniparser.so, libjsinspector.so, libnative_filters.so, libnative_image_transcoder.so, libreact_codegen_reactandroidpicker.so, libreact_nativemodule_core.so, libreact_nativemodule_core_jni.so, libreactnativeutils.so, libreactnativeutils_jni.so, libreactperflogger_jni.so, libturbo_module_jsi_jni.so, libyoga.so.
> Task :app:installDebug
Installing APK "app-debug.apk" on "Redmi Note 8 - 10" for app:debug
Installed on 1 device.

BUILD SUCCESSFUL in 3m 34s
29 actionable tasks: 29 executed
Info: Connecting to the development server...
Info: Starting the app on "15c886c7"...
Starting: Intent ( com.csa.projectsay / MainActivity )
C:\Users\Yudha\ProjectSaya>
```

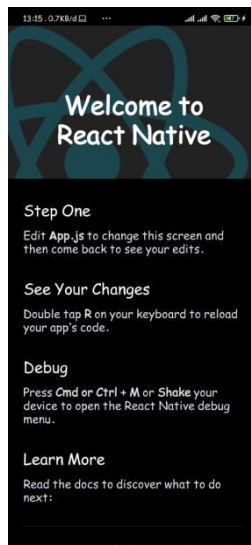
Gambar 2.10 menjalankan react native di smartphone

Pada bagian ini digunakan untuk menjalankan react native ke smartphone untuk dapat menjalankan react native diketikan pada cmd

cd ProjectSaya

react-native run-android

Setelah dilakukan cara untuk menjalankan react native pada smartphone akan muncul tampilan sukses pada smartphone dan terinstal aplikasi dengan nama yang sesuai dengan project yang dibuat, contoh tampilan pada smartphone adalah sebagai berikut



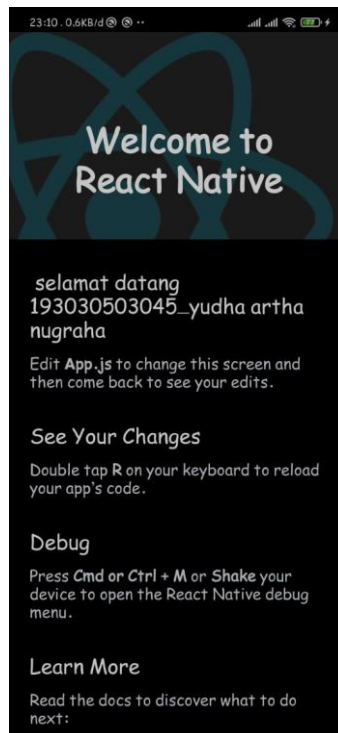
Gambar 2.11 tampilan aplikasi pada smartphone

2.10. EDIT CODINGAN APP

```
return (
  <SafeAreaView style={backgroundStyle}>
    <StatusBar barStyle={isDarkMode ? 'light-content' : 'dark-content'} />
    <ScrollView
      contentInsetAdjustmentBehavior="automatic"
      style={backgroundStyle}>
      <Header />
      <View
        style={{
          backgroundColor: isDarkMode ? Colors.black : Colors.white,
        }}>
        <Section title=" selamat datang 193030503045_yudha artha nugraha">
          Edit <Text style={styles.highlight}>App.js</Text> to change this
          screen and then come back to see your edits.
        </Section>
        <Section title="See Your Changes">
          <ReloadInstructions />
        </Section>
        <Section title="Debug">
          <DebugInstructions />
        </Section>
        <Section title="Learn More">
          Read the docs to discover what to do next:
        </Section>
        <LearnMoreLinks />
      </View>
    </ScrollView>
  </SafeAreaView>
);
```

Gambar 2.12 perubahan pada coding

Pada bagian ini dilakukansedikit perubahan dengan sublime text yang mana pada bagian ini digunakan untuk merubah kata step one dengan selamat datang 193030503045_yudha artha nugraha setelah dilakukan ini maka aka ada perubahan pada apk yang terinstal pada smartphone



Gambar 2.13 tampilan aplikasi ketika sudah dirubah

Pada bagian ini menampilkan apk pada smartphone yang telah dilakukan sedikit perubahan yaitu menampilkan nama dan nim programmer yang telah di atur

BAB III

KESIMPULAN

React Native adalah framework mobile app development yang memungkinkan pengembangan aplikasi secara multi-platform yaitu Android dan iOS. Sederhananya, React Native adalah framework yang memungkinkan developer membuat aplikasi untuk berbagai platform dengan menggunakan basis kode yang sama. Lewat website resmi React Native, mereka mengklaim bahwa framework berbasis JavaScript tersebut adalah cara yang terbaik untuk membangun user interface mobile app.

Penggabungan antara native mobile app dan React juga bisa dilakukan dengan mudah. Jadi, pengembang bisa membuat aplikasi Android dan iOS dengan lebih cepat. React Native sendiri pertama kali dirilis pada tahun 2015 oleh Facebook dan menjadi bagian dari proyek open source mereka.

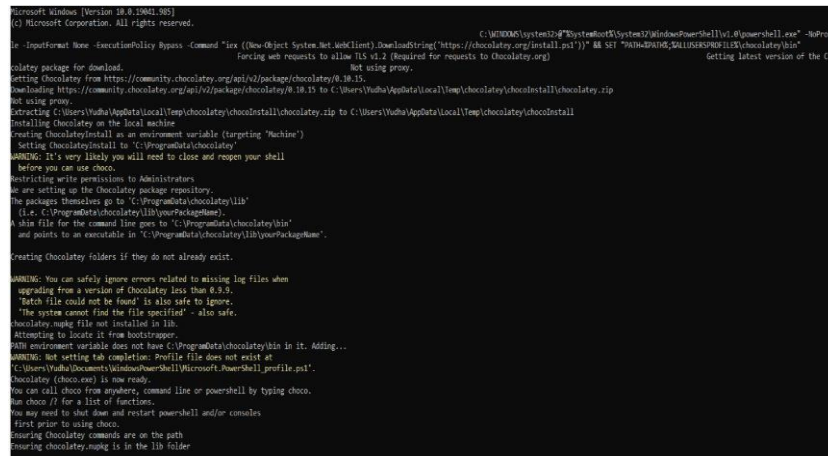
DAFTAR PUSTAKA

React Native: Ketahui Pengertian serta Kelebihan dan Kekurangannya. Glints Blog. Published September 21, 2020. Accessed May 18, 2021. <https://glints.com/id/lowongan/react-native-adalah/#.YKMQS6gzZPY>

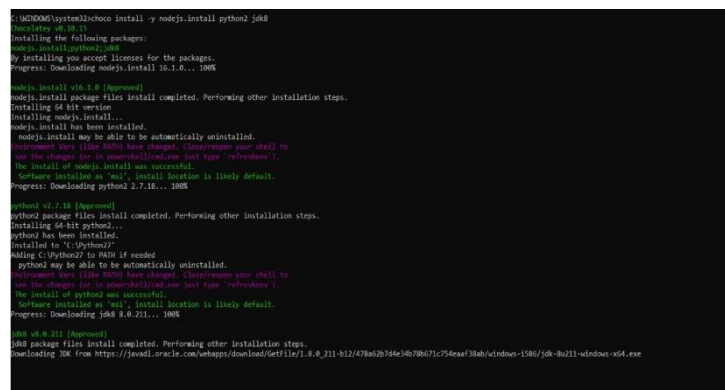
rasupe. Cara install react native di windows 10. Rasupe. Published March 2019. Accessed May 18, 2021. <https://rasupe.com/cara-install-react-native-di-windows-10/>

Modul Praktikum Pemrograman Web & Mobile I. Jurusan Teknik Informatika. Fakultas Teknik. Universitas Palangka Raya. 2021.

LAMPIRAN



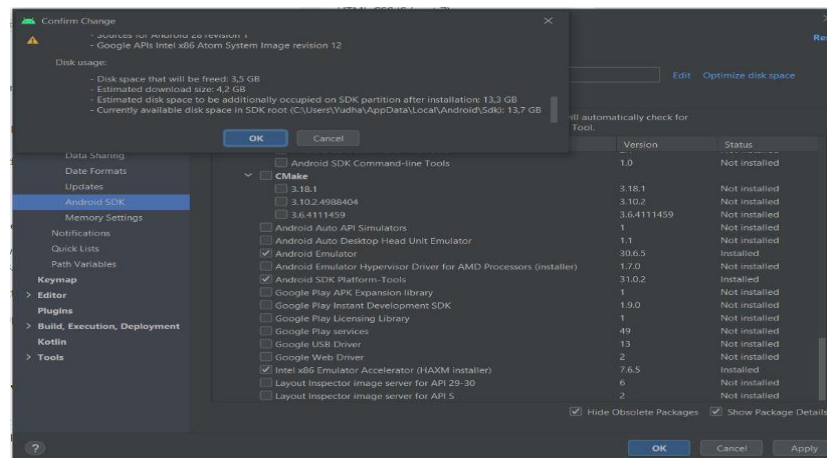
Gambar 2.1 instal chocolaty



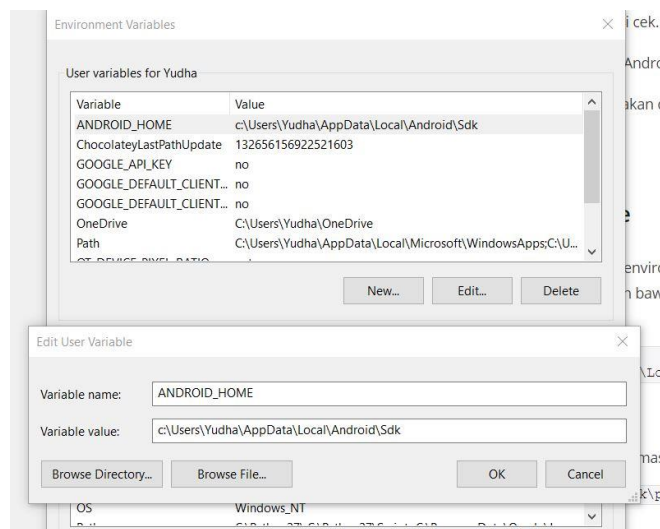
Gambar 2.1 instal jdk,node dan phyton



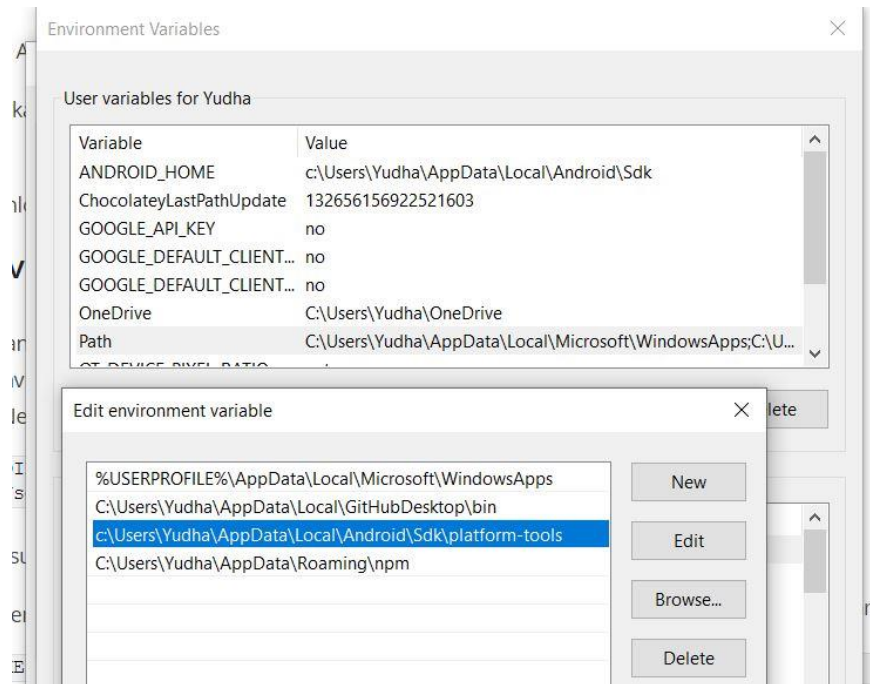
Gambar 2.3 tampilan download



Gambar 2.4 setting sdk manager



Gambar 2.5 mengatur environment



Gambar 2.6 mengatur path

```

Microsoft Windows [Version 10.0.19041.985]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Yudha>npm install -g react-native-cli
npm notice
npm notice New minor version of npm available! 7.11.2 -> 7.13.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v7.13.0
npm notice Run npm install -g npm@7.13.0 to update!
npm notice

added 81 packages, and audited 82 packages in 20s

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

found 0 vulnerabilities
npm notice
npm notice New minor version of npm available! 7.11.2 -> 7.13.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v7.13.0
npm notice Run npm install -g npm@7.13.0 to update!
npm notice

C:\Users\Yudha>

```

Gambar 2.7 instal react native

```

C:\Users\Yudha>react-native init ProjectSaya
This will walk you through creating a new React Native project in C:\Users\Yudha>ProjectSaya
Using yarn v1.22.0
Installing react-native...
yarn add vl.12.10
info No lockfile found.
[1/a] Resolving packages...
warning react-native@0.68.0 > @babel-community@7.11 > metro > metro-minify-uglify > uglify-es@8.9.0: support for ES600+js is superseded by 'uglify-js' as of v3.13.0
warning react-native > react-native-community@0.68.0 > jscodeshift > micromatch > snapdragon > source-map-resolve > resolve-url@0.2.1: https://github.com/jayllend/resolve-url#deprecated
warning react-native > react-native-community@0.68.0 > jscodeshift > micromatch > snapdragon > source-map-resolve > url@0.10.0: Please see https://github.com/jayllend/url#deprecated
[2/a] Finishing package.json
warning event@0.3.2: The platform "win32" is incompatible with this module.
info "event@0.3.2" is an optional dependency and failed compatibility check. Excluding it from installation.
[3/a] Linking dependencies...
warning "react-native > metro-react-native-babel-transformer@0.64.0" has unmet peer dependency "@babel/core@*".
warning "react-native > use-subscription@1.5.1" has unmet peer dependency "react@"16.8.0 || "17.0.0".
warning "react-native > react-native-codenames > jscodeshift@0.11.0" has unmet peer dependency "@babel/preset-env@^7.1.5".
warning "react-native@0.64.1" has unmet peer dependency "react@"0.7.0-1.
[4/a] Building fresh packages...

Success Saved lockfile.
Success Saved 177 new dependencies.
info Direct dependencies
├─ react-native@0.64.1
└─ info All dependencies
  ├── @babel/code-frame@7.14.0
  ├── @babel/helper-builder-binary-assignment-operator-visitor@7.12.11
  ├── @babel/helper-compilation-targets@7.13.16
  ├── @babel/helper-create-regexp-features-plugin@7.12.17
  ├── @babel/helper-environment-visitor@7.12.13
  ├── @babel/helper-explode-assignable-expression@7.13.0
  ├── @babel/helper-function-name@7.14.2
  ├── @babel/helper-get-function-arity@7.12.11
  ├── @babel/helper-member-expression-to-functions@7.13.12
  ├── @babel/helper-module-imports@7.14.2
  ├── @babel/helper-module-transforms@7.14.2
  ├── @babel/helper-replace-supers@7.12.12
  ├── @babel/helpers@7.14.0
  ├── @babel/highlight@7.13.10
  ├── @babel/plugin-proposal-class-properties@7.13.0
  ├── @babel/plugin-proposal-export-default-from@7.12.13
  ├── @babel/plugin-proposal-nullish-coalescing-operator@7.14.2
  ├── @babel/plugin-proposal-optional-catch-binding@7.14.2
  ├── @babel/plugin-proposal-optional-chaining@7.14.2
  ├── @babel/plugin-syntax-class-properties@7.12.13
  ├── @babel/plugin-syntax-dynamic-import@7.8.3
  ├── @babel/plugin-syntax-export-default-from@7.12.13
  ├── @babel/plugin-syntax-flow@7.12.13
  ├── @babel/plugin-syntax-jsx@7.12.13
  ├── @babel/plugin-syntax-nullish-coalescing-operator@7.8.3
  ├── @babel/plugin-syntax-object-rest-spread@7.8.3
  ├── @babel/plugin-syntax-optional-catch-binding@7.8.3

```

Gambar 2.8 mmebuat project

```
C:\Users\Yudha>adb devices
List of devices attached
15c868c7      device
C:\Users\Yudha>
```

Gambar 2.9 cek device terhubung

```
C:\Users\Vaibha\Project\Sayad Project> Sayad.exe
The system cannot find the path specified.

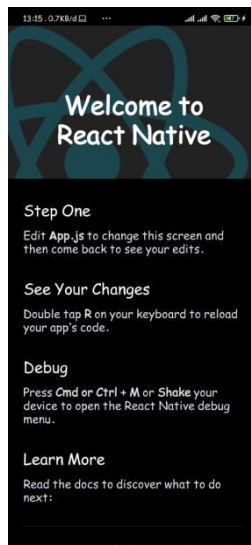
C:\Users\Vaibha\Project> sayad -reactive-native run-android
Info Running Jetifier to migrate libraries to AndroidX. You can disable it using "--no-jetifier" flag.
(see https://developer.android.com/studio/build/migrating-projects#androidx) Migrating existing projects' dependencies
[Use "ndk --trace-warnings ..." to show where the warnings was created]
Jetifier found 80 file(s) to forward-jetify. Using 8 workers...
Info 35 server already running.
Info Installing the app...
Preparing the license for package Android SDK Build-Tools 29.0.2 in c:\Users\Vaibha\AppData\Local\Android\Sdk\licenses
License for package Android SDK Build-Tools 29.0.2 accepted.
Preparing Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)*.
Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2) ready.
Installing Android SDK Build-Tools 29.0.2 in c:\Users\Vaibha\AppData\Local\Android\Sdk\build-tools\29.0.2
Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2) complete.
Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2) finished.
Seeking the license for package Android SDK Platform 29 in c:\Users\Vaibha\AppData\Local\Android\Sdk\licenses
License for package Android SDK Platform 29 accepted.
Preparing Install Android SDK Platform 29 (revision: 5)*.
Install Android SDK platform 29 (revision: 5)* ready.
Installing Android SDK Platform 29 in c:\Users\Vaibha\AppData\Local\Android\Sdk\platforms\android-29
Install Android SDK Platform 29 (revision: 5)* complete.
Install Android SDK platform 29 (revision: 5)* finished.

Task :app:compileDebugJavaWithJavac
Task :app:stripReleaseDebugSymbols
Unable to strip the following libraries, packaging them as they are: libe2c.so, libevent-2.1.so, libevent-core-2.1.so, libevent-extra-2.1.so, libfb.so, libffi.so, libflippcr.so, libfutures.so, libgolly.json.so, libglog.so, libglog_init.so, libhermes-executor-common-debug.so, libhermes-executor-common-release.so, libhermes-executor-debug.so, libhermes-executor-release.so, libhermes-inspector.so, libimageio.so, libjni_android_executor.so, libjni_android_infra.so, libjso_inferface.so, libjsinspecter.so, libnative-filters.so, libnative-imageencoder.so, libreact_codegen_reactnatdrisdp.so, libreact_nativemodule_core.so, libreact_nativeui_dev.so, libreactnative-PN.js, libreactnativeIidiljni.so, libreactnativeIijni.so, libreactnativeIijni.so, libreactnativeIijni.so, libyoga.so.

Task :app:install-release
Installing APK "app-debug.apk" on 'Redmi Note 8 - 10' for app:debug
Installed on 1 device.

BUILD SUCCESSFUL in 3m 34s
29 actionable tasks: 29 executed
Info Connecting to the development server...
INFO
INFO Starting the app on "15668G7"...
Starting Intent { cmp=com.projectaya.MainActivity }
```

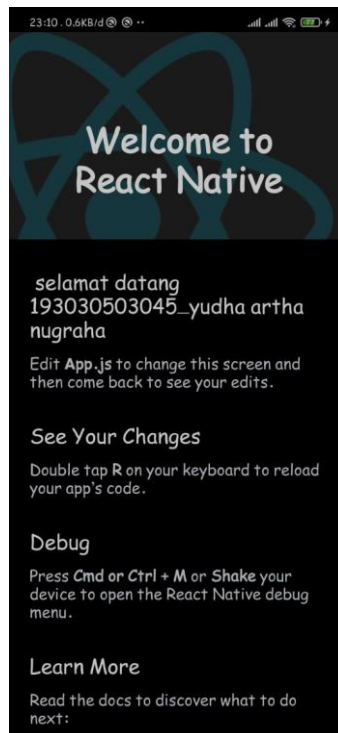
Gambar 2.10 menjalankan react native di smartphone



Gambar 2.11 tampilan aplikasi pada smartphone

```
return (
  <SafeAreaView style={backgroundStyle}>
    <StatusBar barStyle={isDarkMode ? 'light-content' : 'dark-content'} />
    <ScrollView
      contentInsetAdjustmentBehavior="automatic"
      style={backgroundStyle}>
      <Header />
      <View
        style={{
          backgroundColor: isDarkMode ? Colors.black : Colors.white,
        }}>
        <Section title="selamat datang [93030503045_yudha artha nugraha]">
          Edit <Text style={styles.highlight}>App.js</Text> to change this
          screen and then come back to see your edits.
        </Section>
        <Section title="See Your Changes">
          <ReloadInstructions />
        </Section>
        <Section title="Debug">
          <DebugInstructions />
        </Section>
        <Section title="Learn More">
          Read the docs to discover what to do next:
        </Section>
        <LearnMoreLinks />
      </View>
    </ScrollView>
  </SafeAreaView>
);
```

Gambar 2.12 perubahan pada coding



Gambar 2.13 tampilan aplikasi ketika sudah dirubah