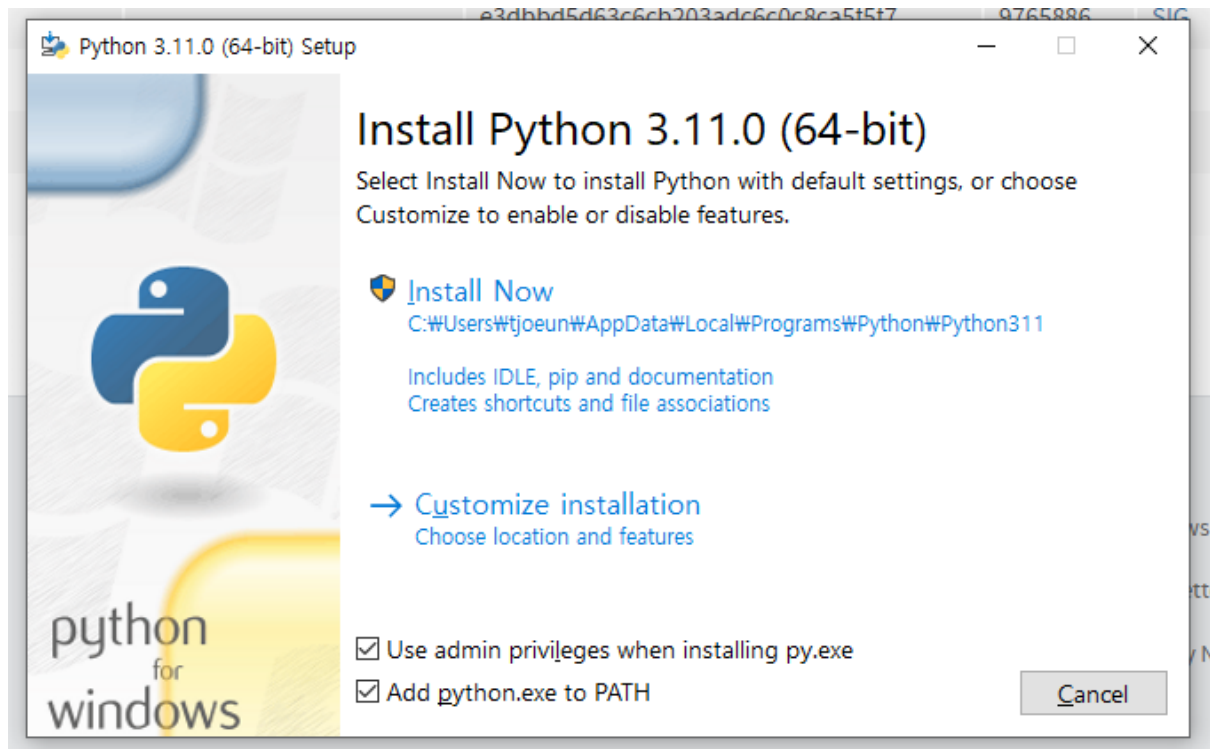


day39-ReactNative

☰ 태그	
📅 날짜	@2022년 11월 25일



파이썬 설치

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>python --version
Python 3.11.0

C:\Users\wtjoeun>
```

버전 확인

openjdk 설치

<https://github.com/adoptium/adoptium-bin>

Downloads for Windows x86_64

- 1.8.0_332-1 (LTS, supported until May 2026, announcement)
 - [java-1.8.0-openjdk-1.8.0.332-1.b09.openjdkbuild.windows.x86_64.zip \(sha256\)](#)
 - [java-1.8.0-openjdk-1.8.0.332-1.b09.openjdkbuild.windows.x86_64.msi \(sha256\)](#)
- 11.0.15.9-1 (LTS, supported until October 2024, announcement)
 - [java-11-openjdk-11.0.15.9-1.windows.openjdkbuild.x86_64.zip \(sha256\)](#)
 - [java-11-openjdk-11.0.15.9-1.windows.openjdkbuild.x86_64.msi \(sha256\)](#)
- 17.0.3.0.6-1 (LTS, announcement)
 - [java-17-openjdk-17.0.3.0.6-1.win.x86_64.zip \(sha256\)](#)
 - [java-17-openjdk-17.0.3.0.6-1.win.x86_64.msi \(sha256\)](#)

Note: obsolete downloads are available at the bottom of this page

Other downloads

Welcome to the ojdkbuild OpenJDK 17.0.3.0.6-1 Setup Wizard



The Setup Wizard will install ojdkbuild OpenJDK 17.0.3.0.6-1 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

Back

Next

Cancel

Completed the ojdkbuild OpenJDK 17.0.3.0.6-1 Setup Wizard



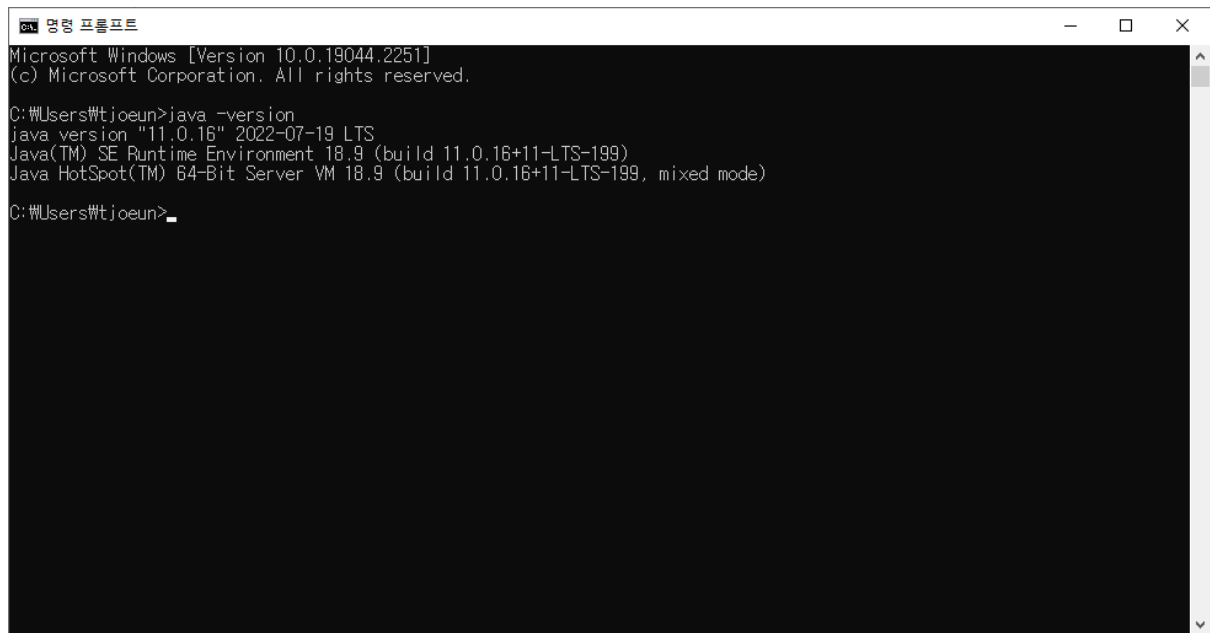
Click the Finish button to exit the Setup Wizard.

Back

Finish

Cancel

설치완료



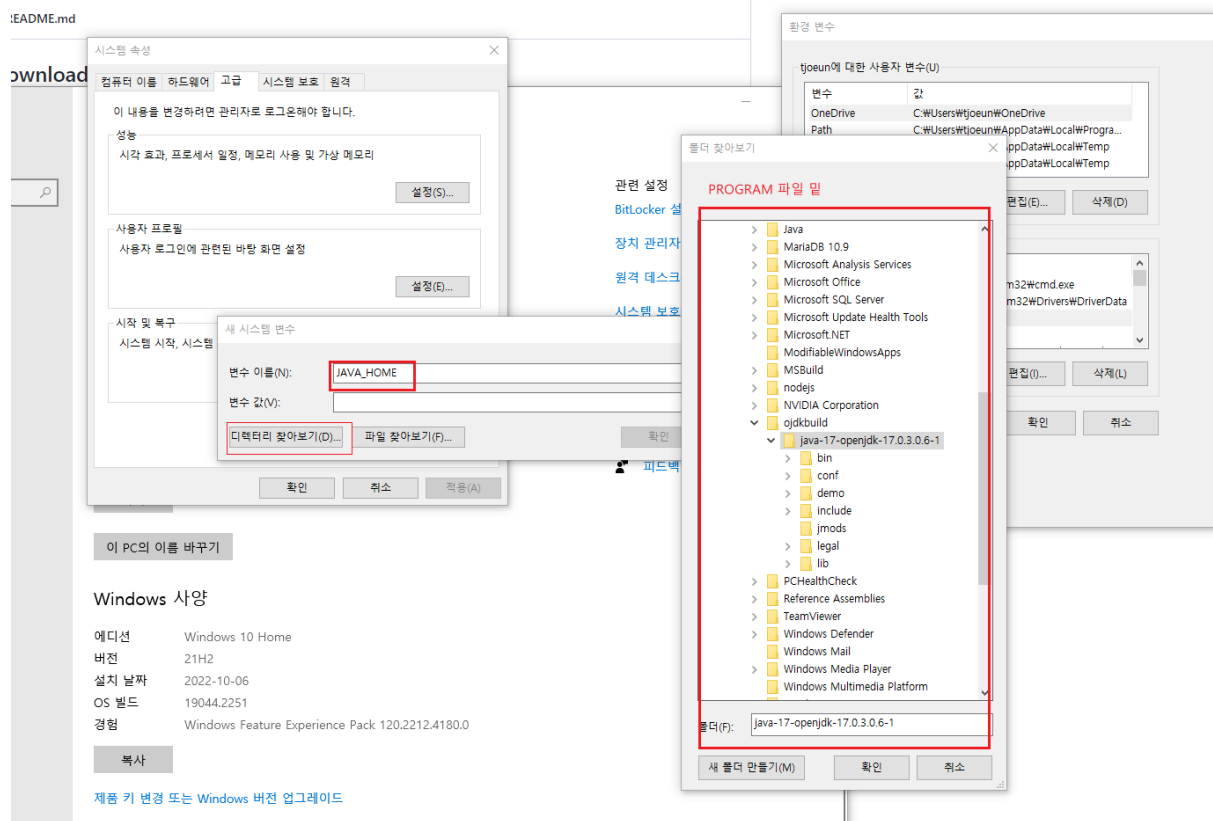
```
명령 프롬프트
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>java -version
java version "11.0.16" 2022-07-19 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.16+11-LTS-199)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.16+11-LTS-199, mixed mode)

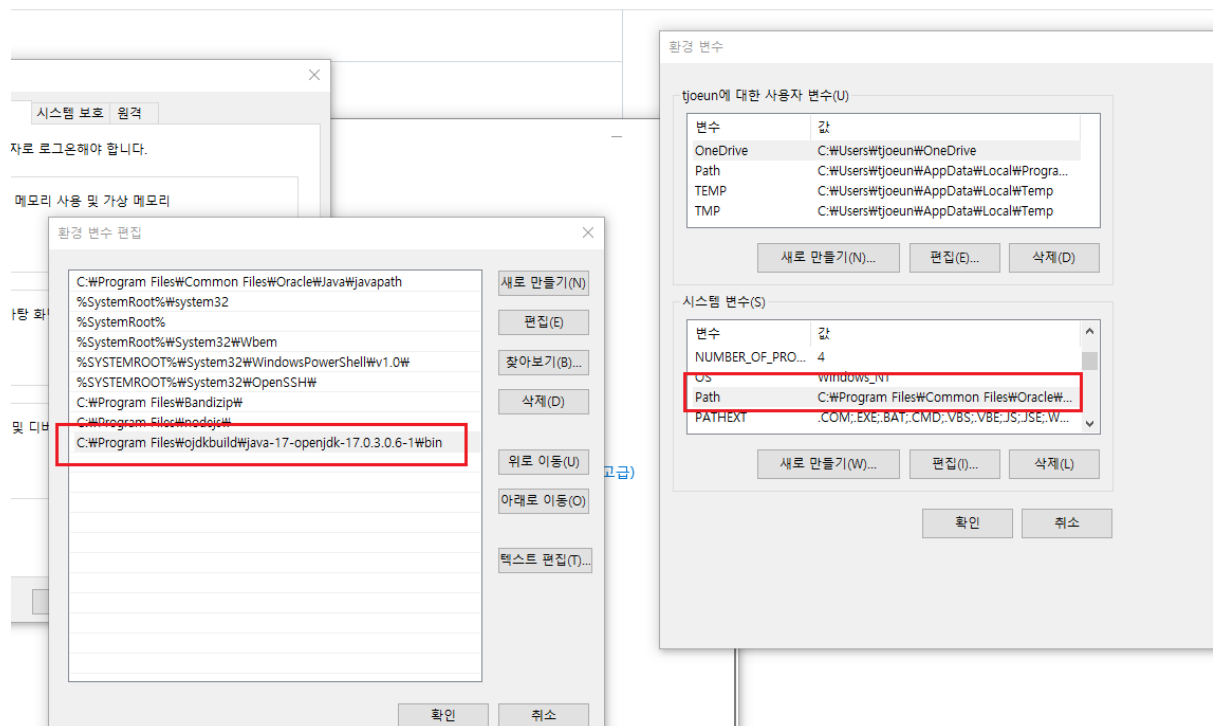
C:\Users\wtjoeun>
```

전에 설치 했어서 11로 잡혀있다
경로를 바꿔주면 된다.

윈도우 검색 - system -



후 확인



환경 변수 잡혀있는거 확인

```
명령 프롬프트
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>java -version
openjdk version "17.0.3" 2022-04-19 LTS
OpenJDK Runtime Environment 21.9 (build 17.0.3+6-LTS)
OpenJDK 64-Bit Server VM 21.9 (build 17.0.3+6-LTS, mixed mode, sharing)

C:\Users\wtjoeun>javac -version
javac 17.0.3

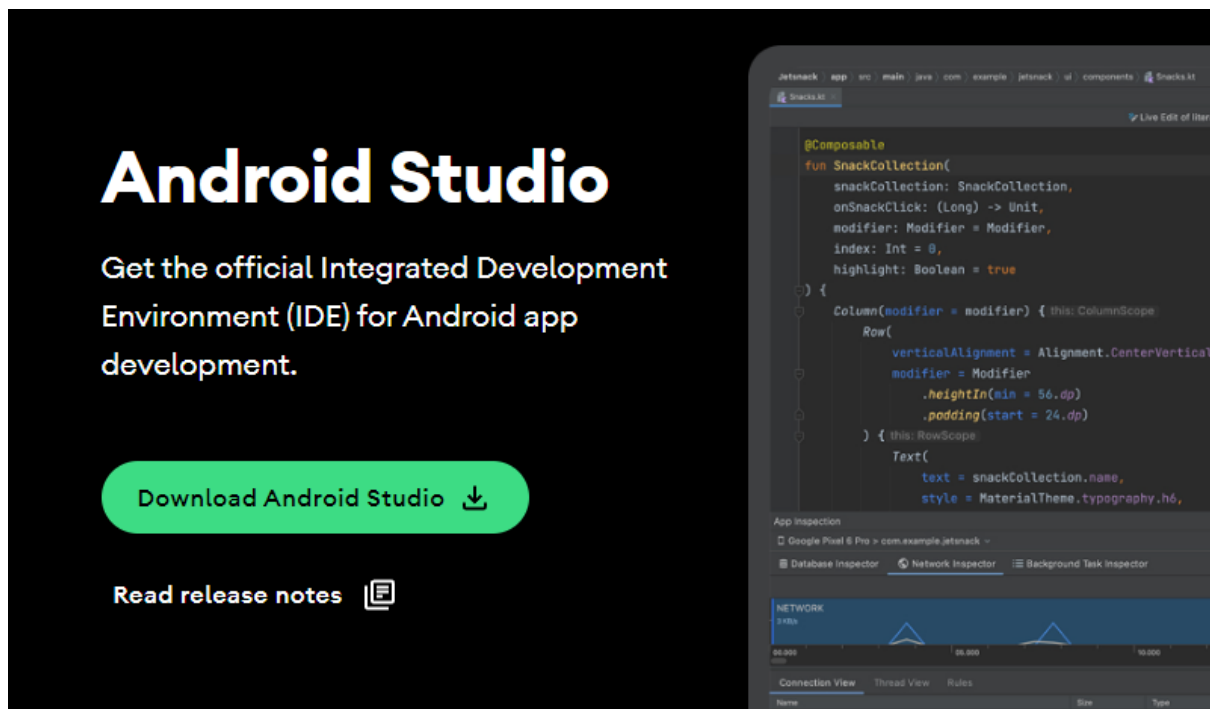
C:\Users\wtjoeun>
```

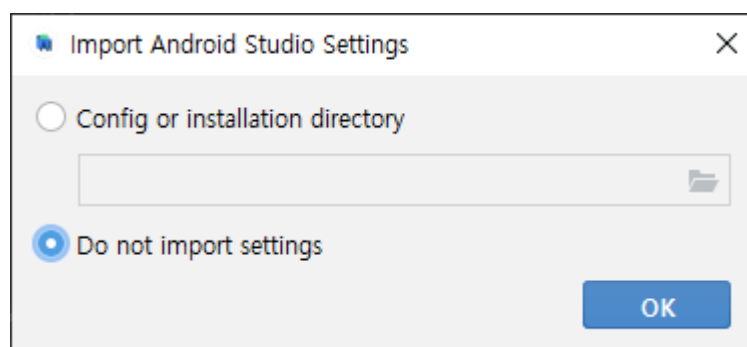
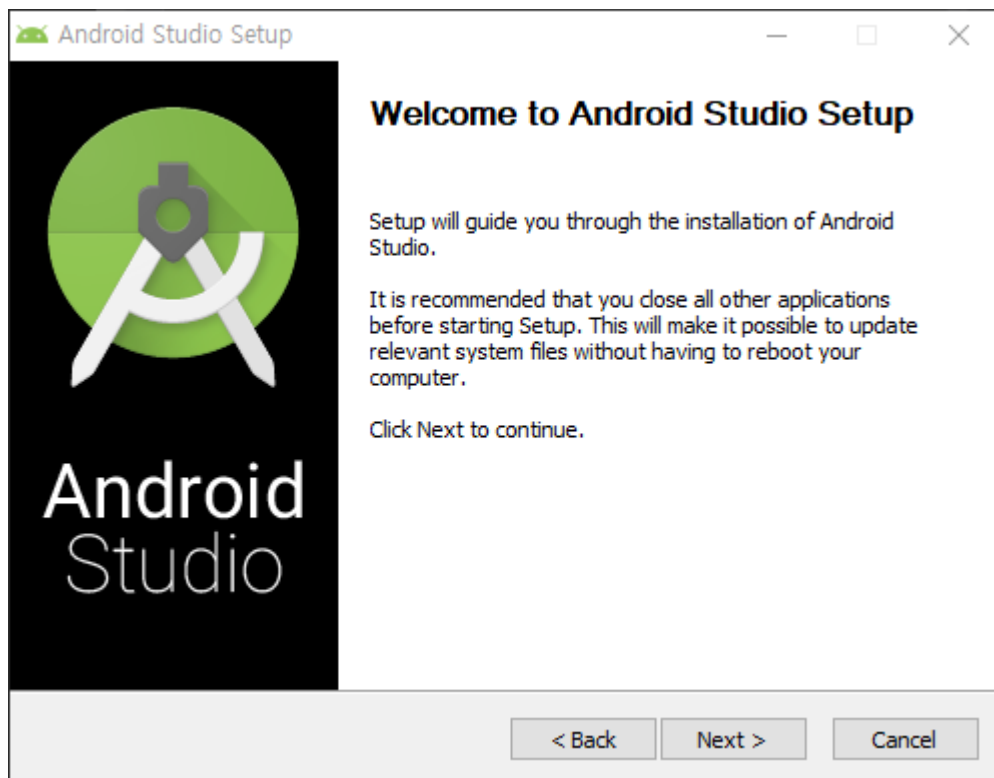
자바 버전 확인

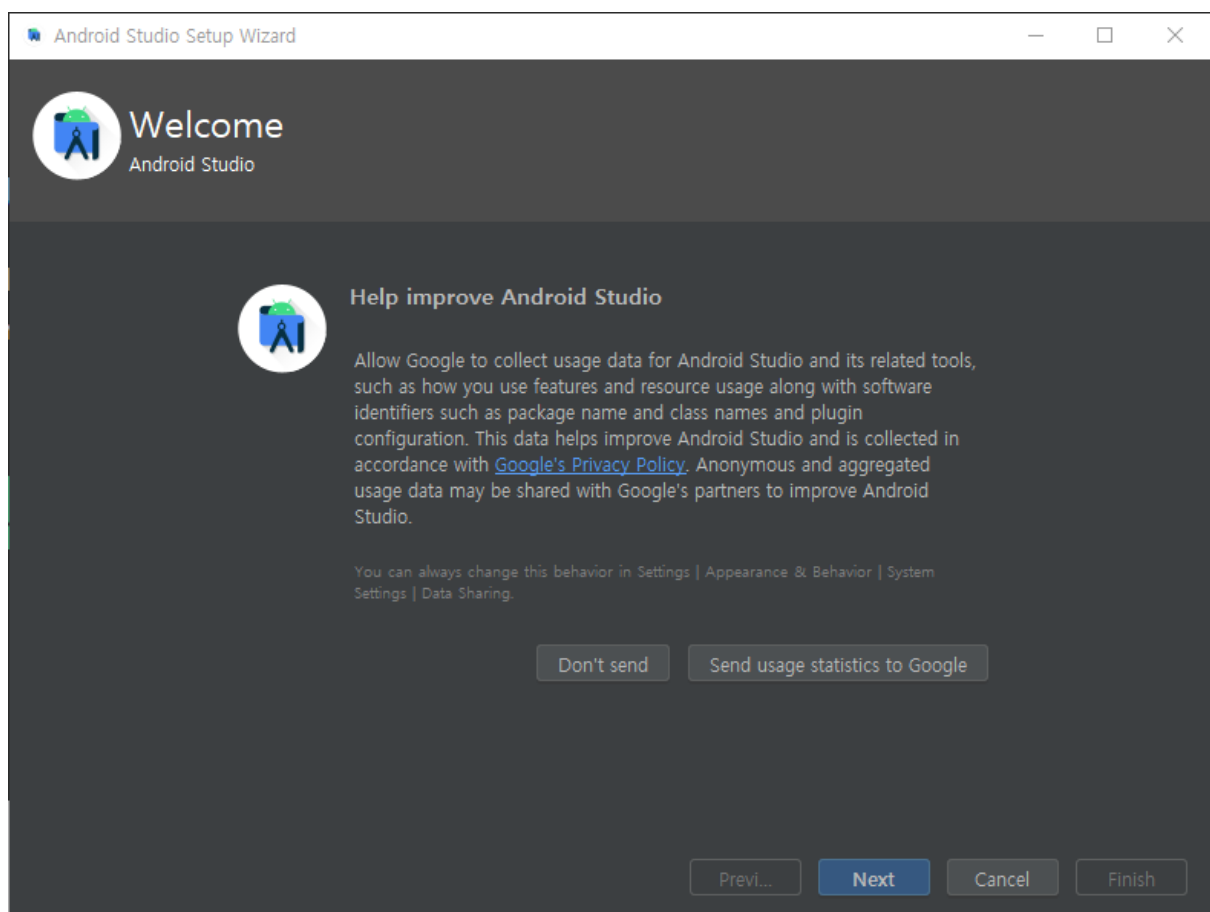
경로가 안잡힌다면 이전 버전이 깔려있는지 확인하고 경로를 다시 설정

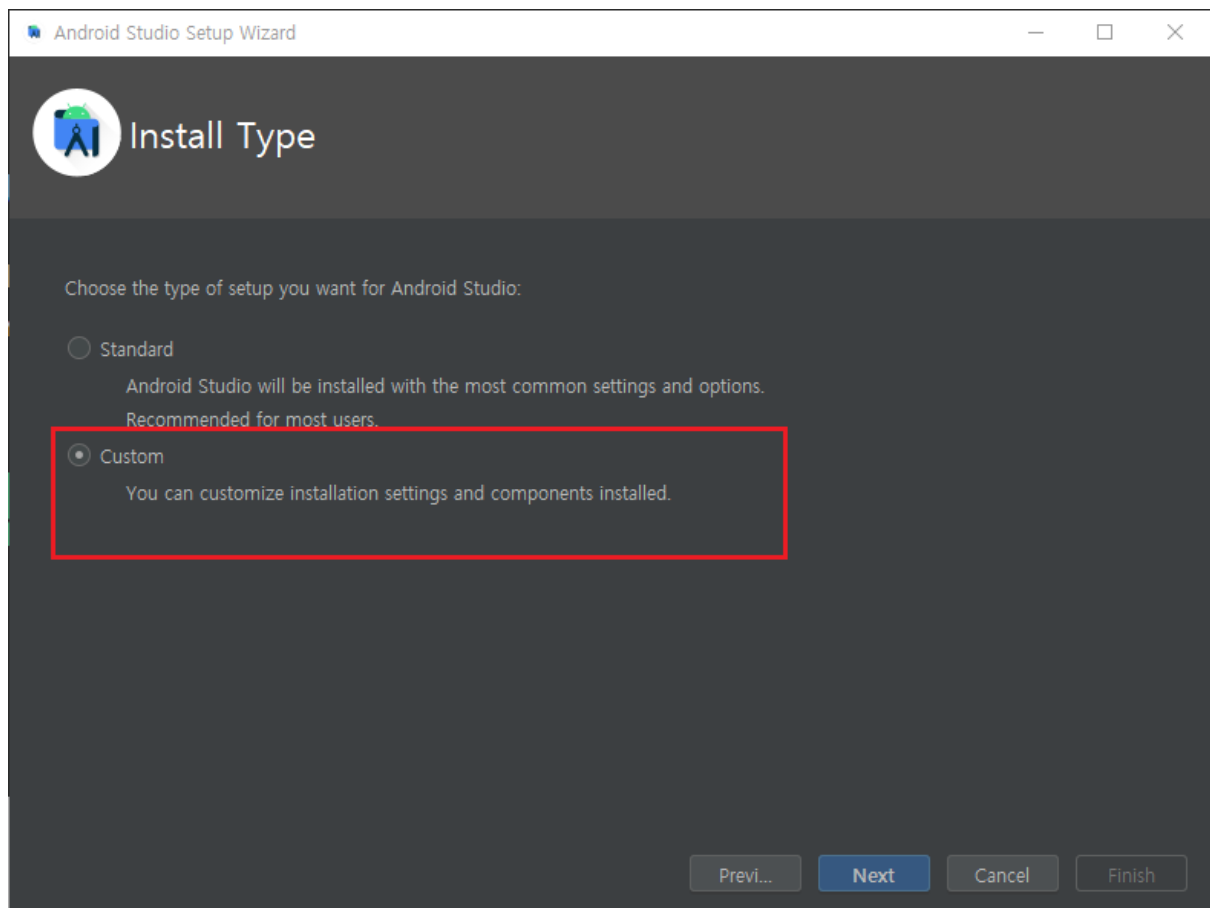
그래도 안잡힌다면 부팅 후 다시 확인

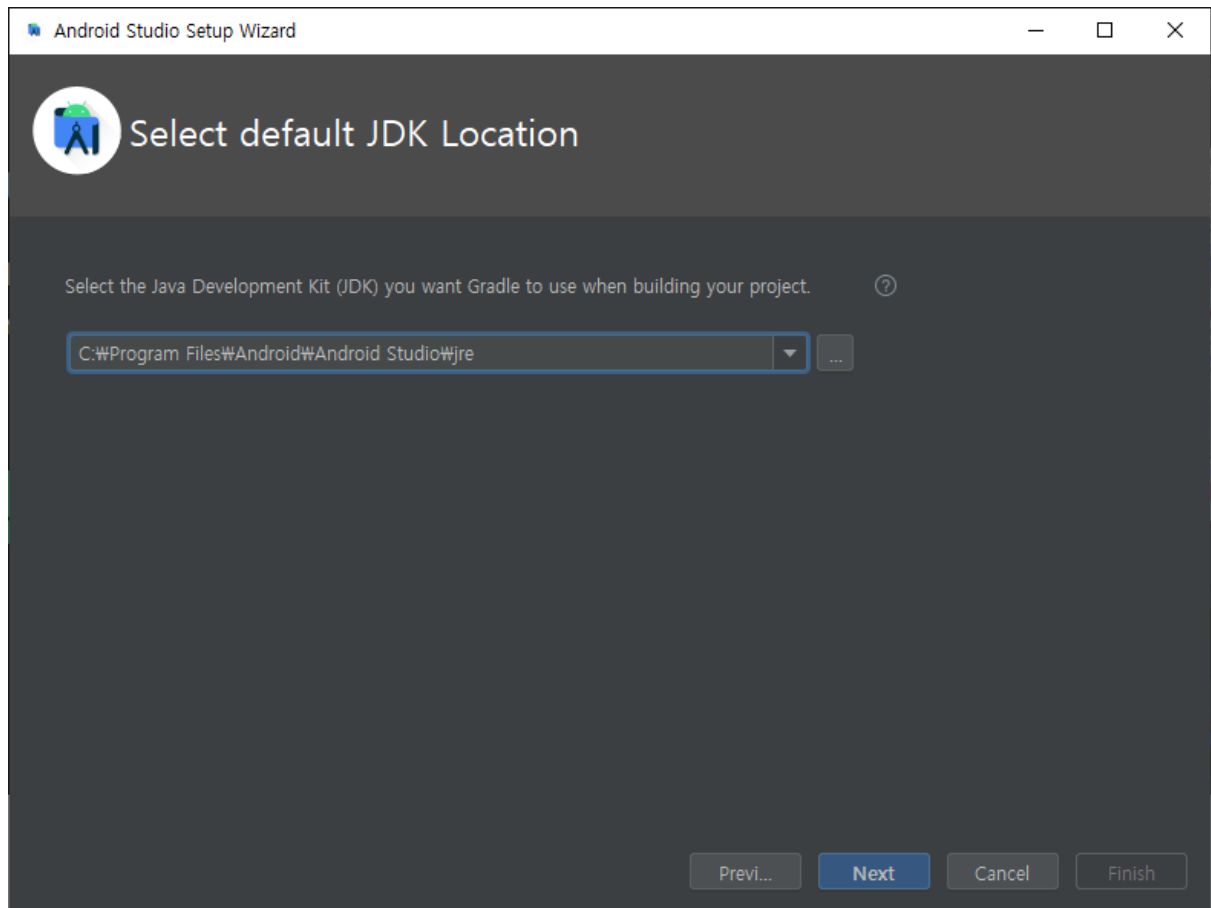
android studio 설치

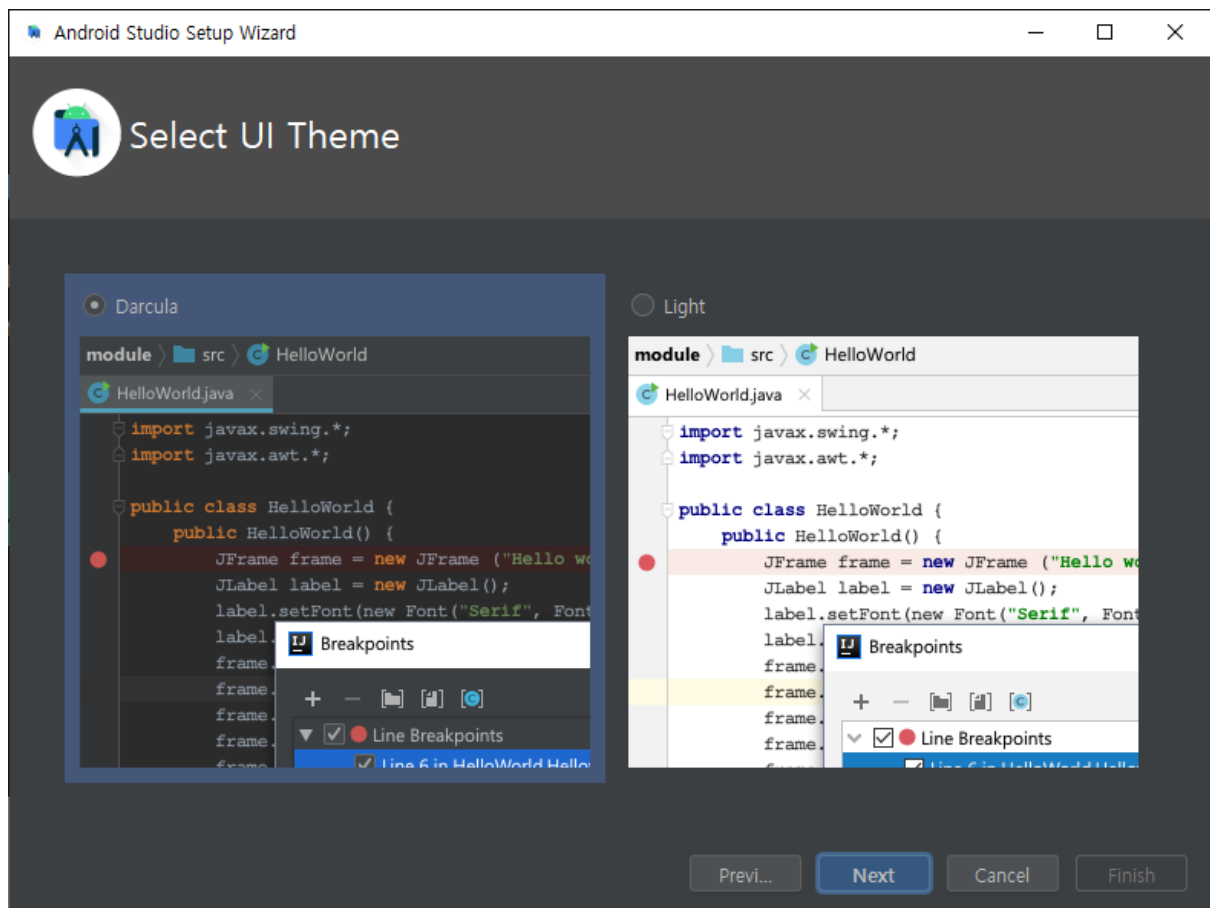


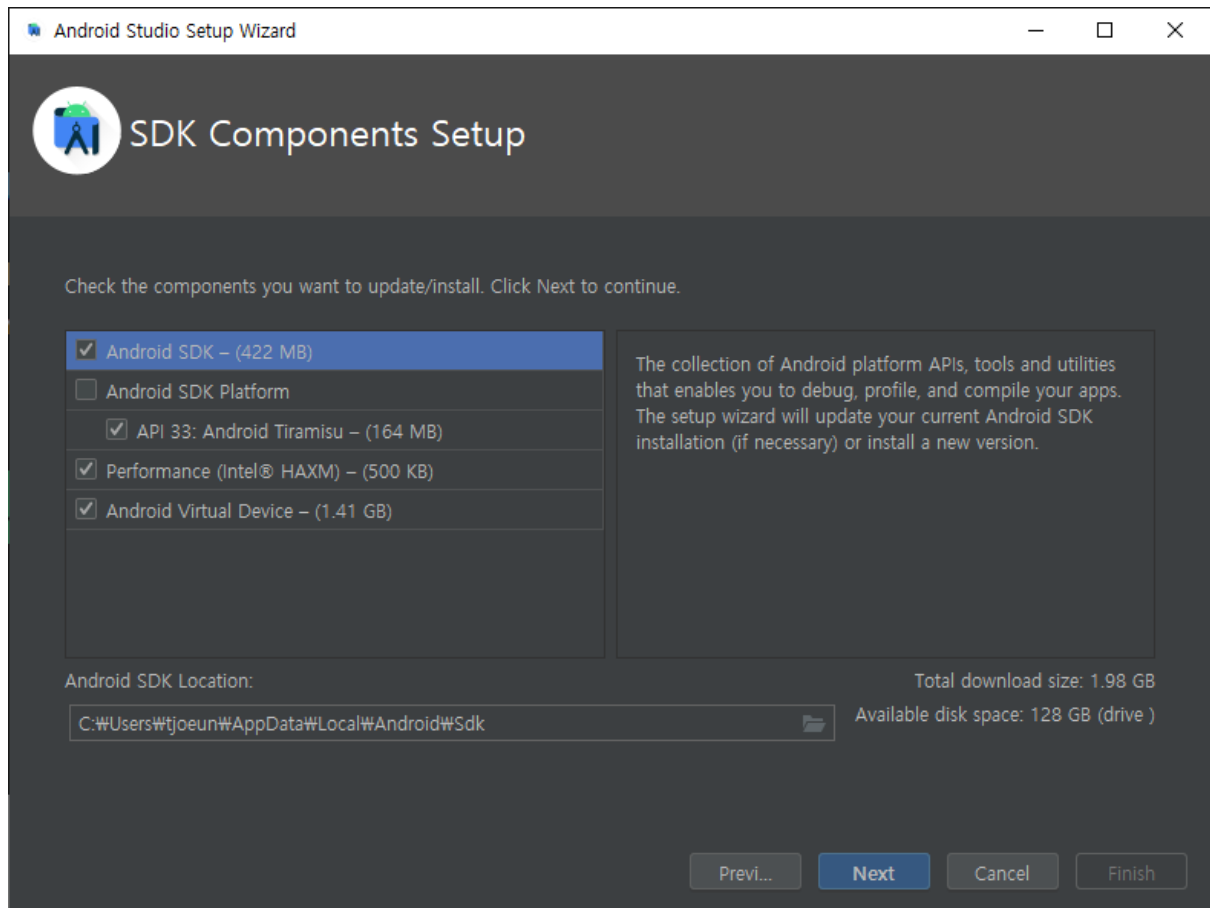


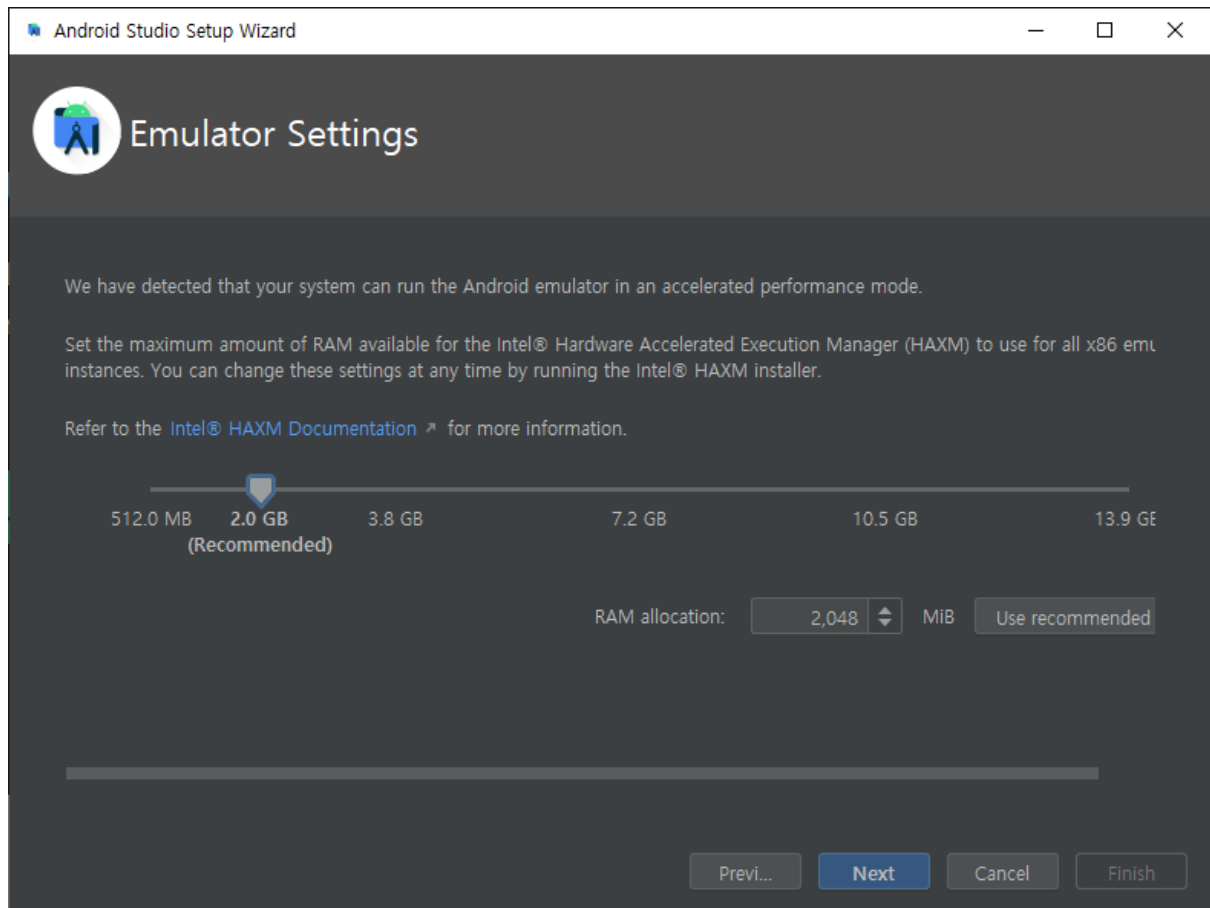




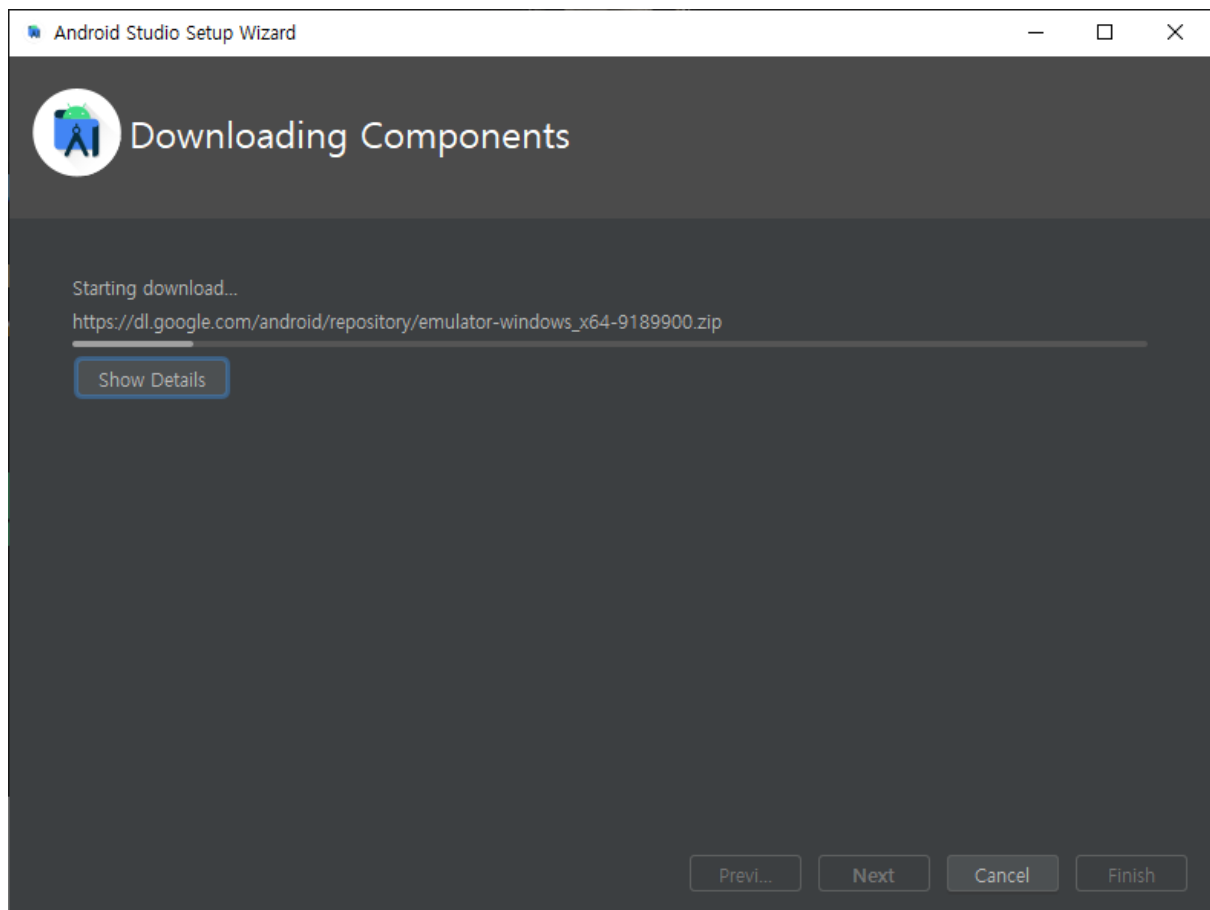


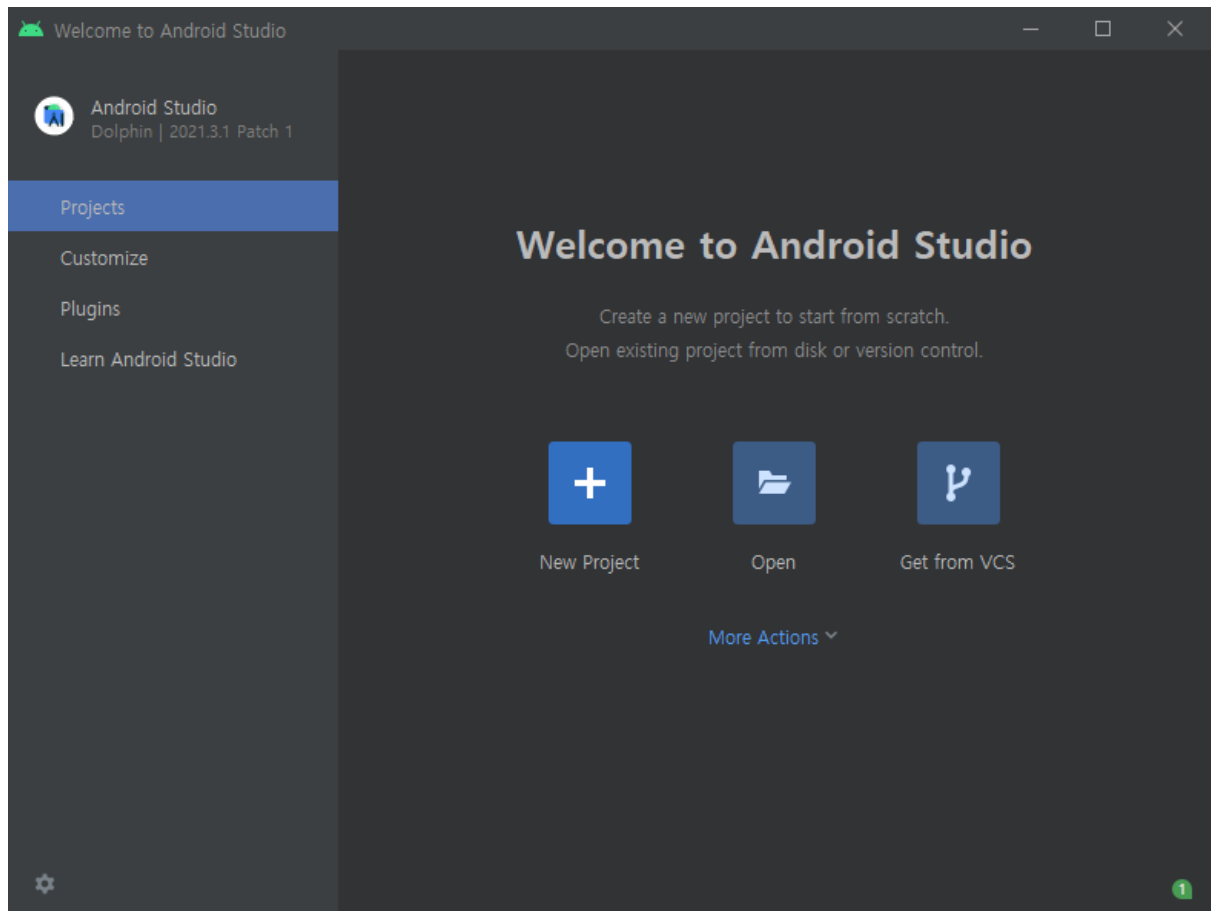




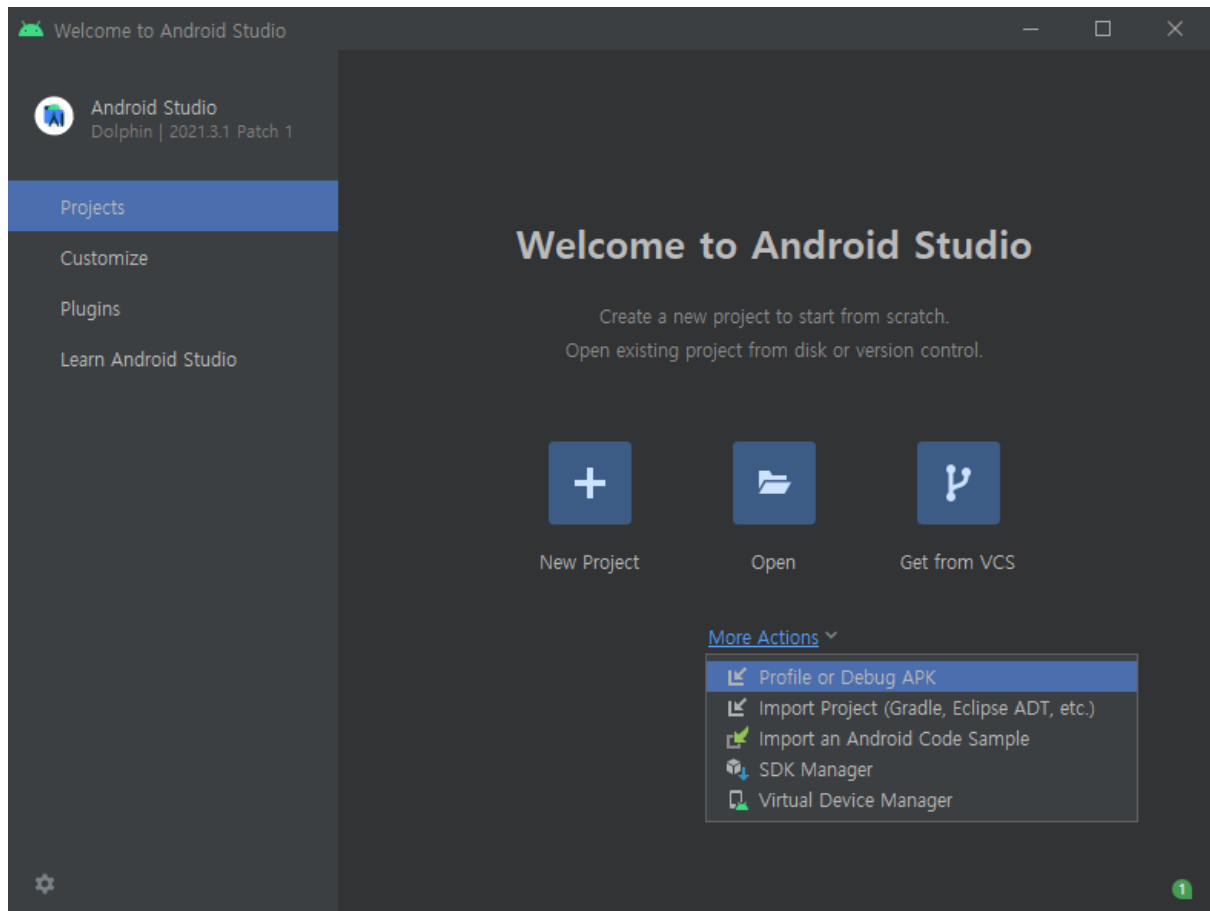


약정 밑으로 다 내려서 동의 후 finish

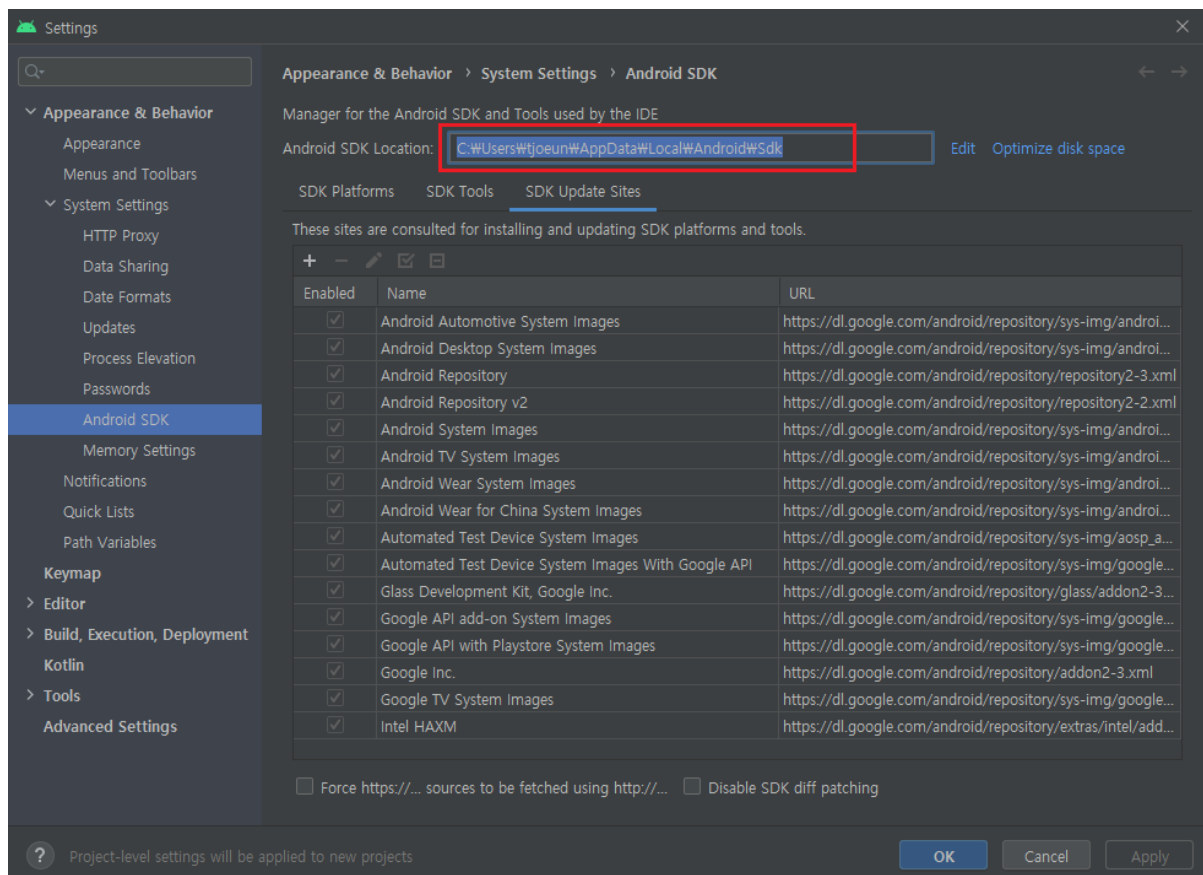
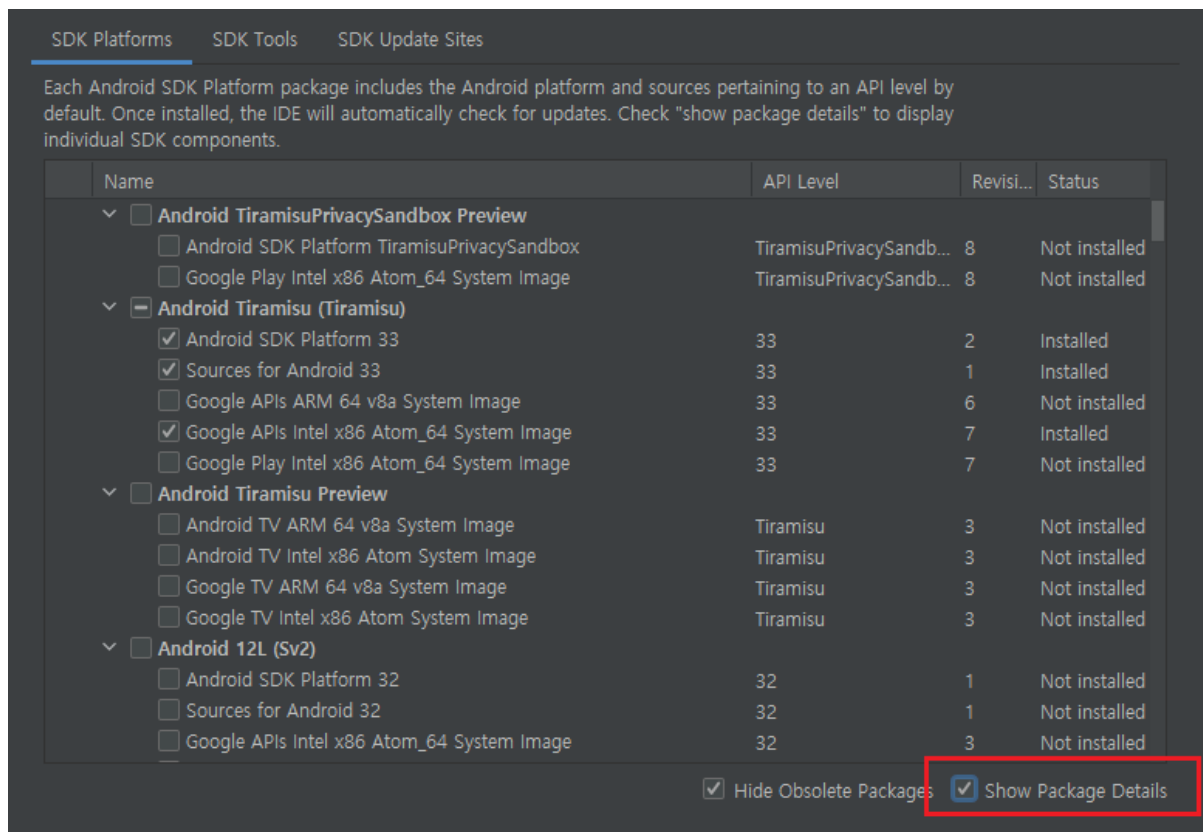




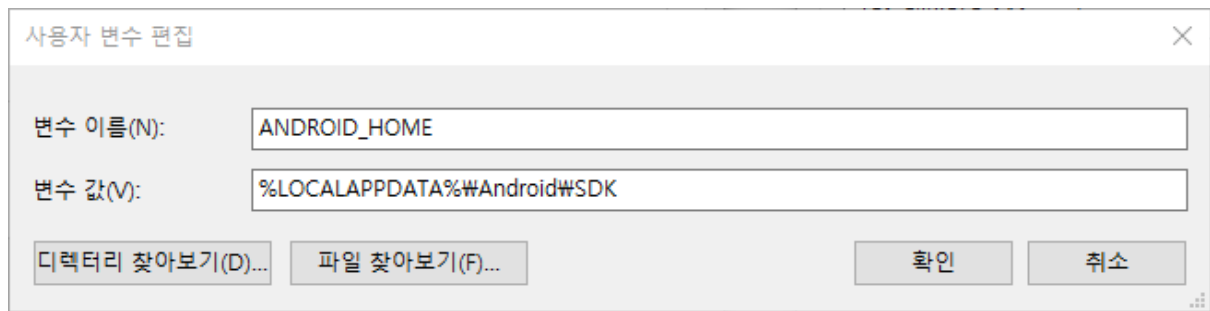
설치 완료



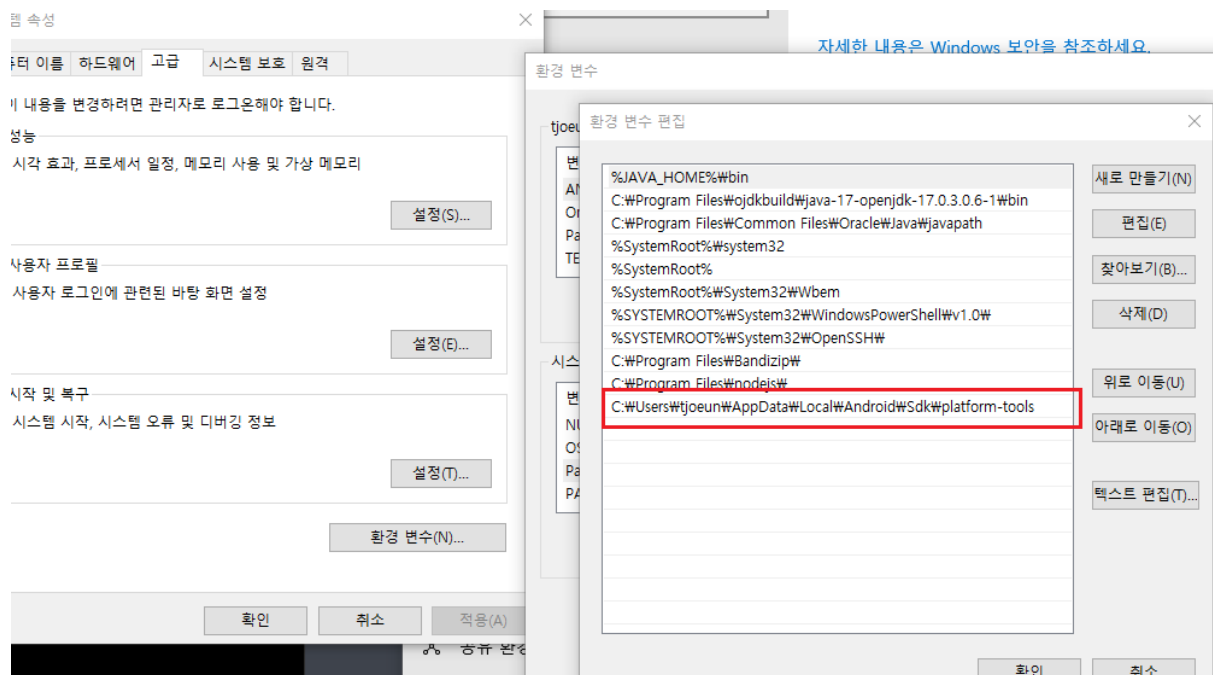
more actions



환경변수 설정



경로를 넣을때 appdata 가 안보여서 경로설정을 할수 없었는데
숨김 파일을 표시로 변경 후 경로를 잡았다.

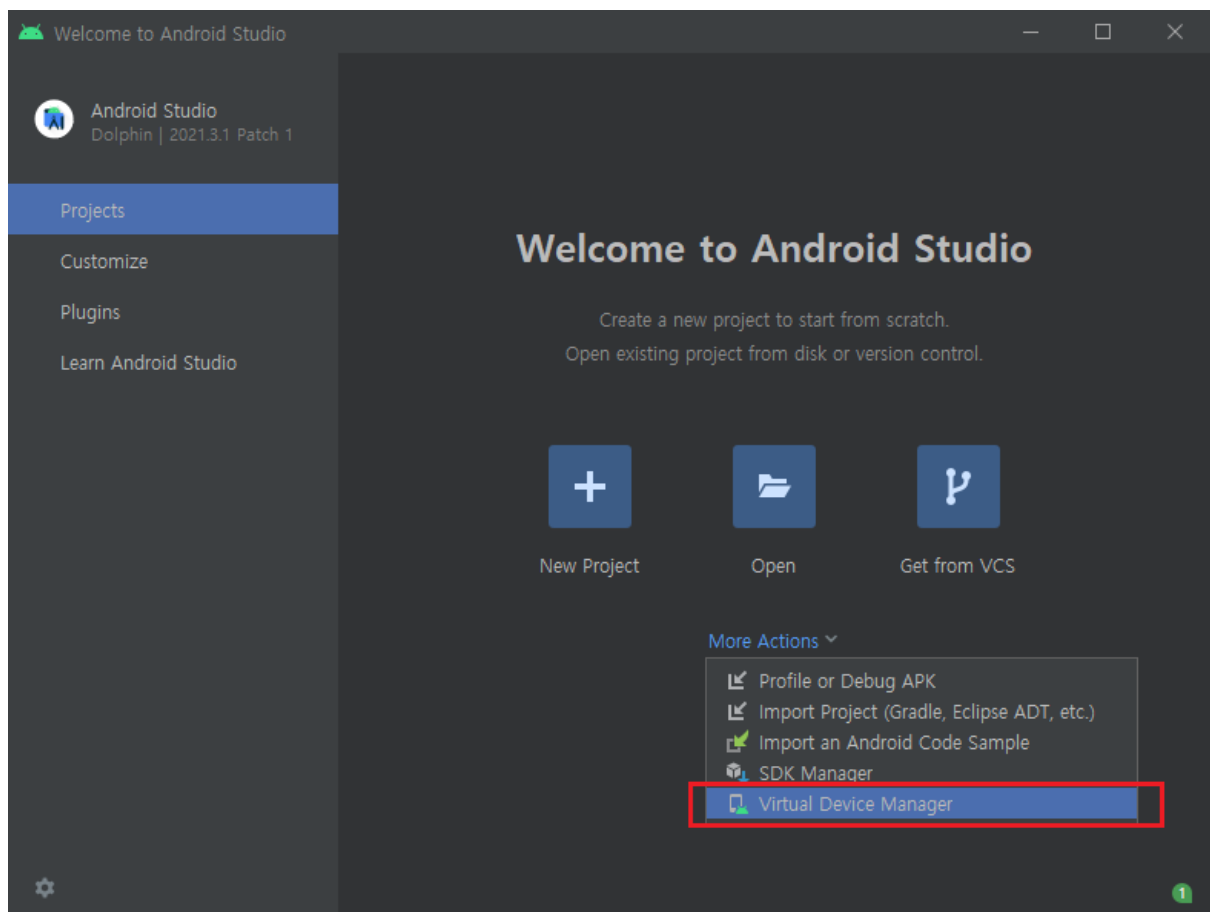


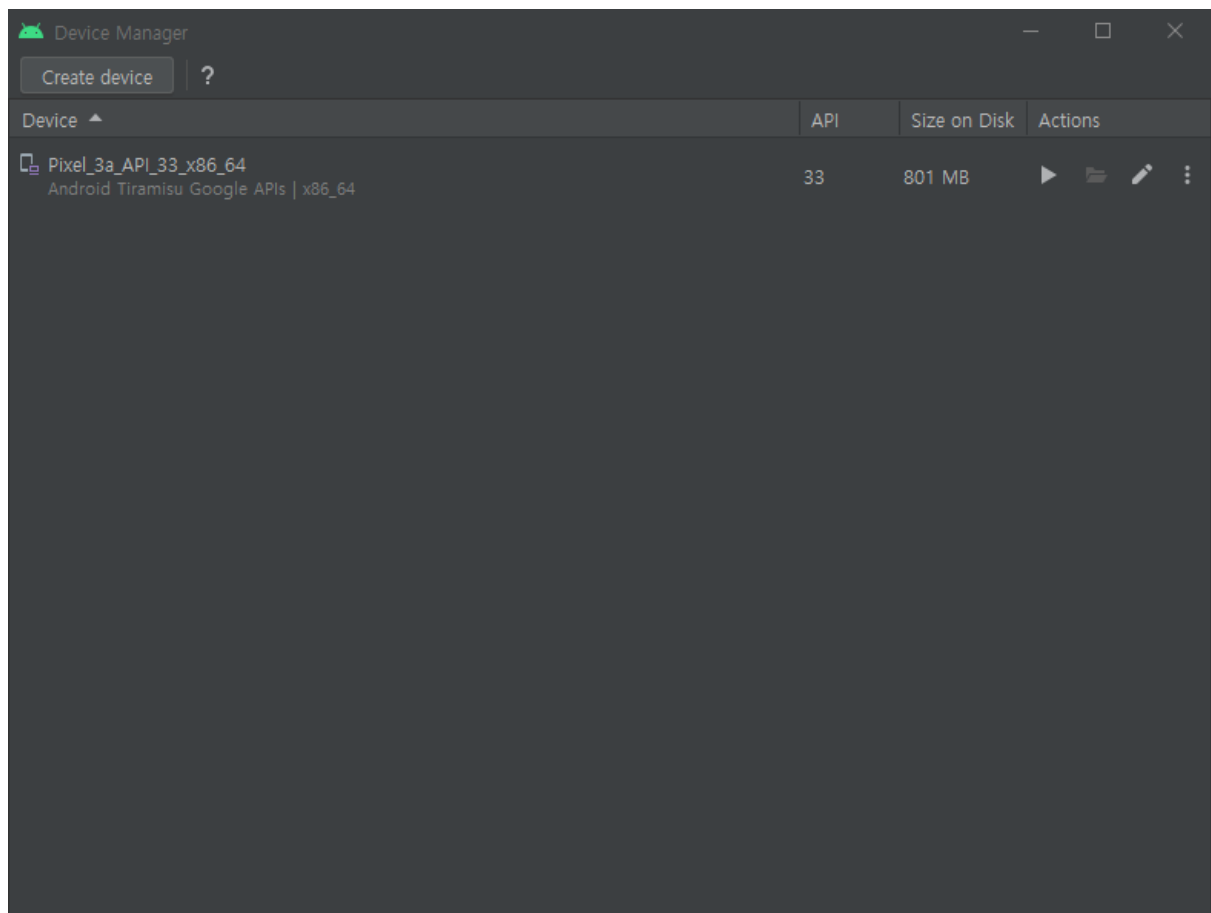
버전 확인

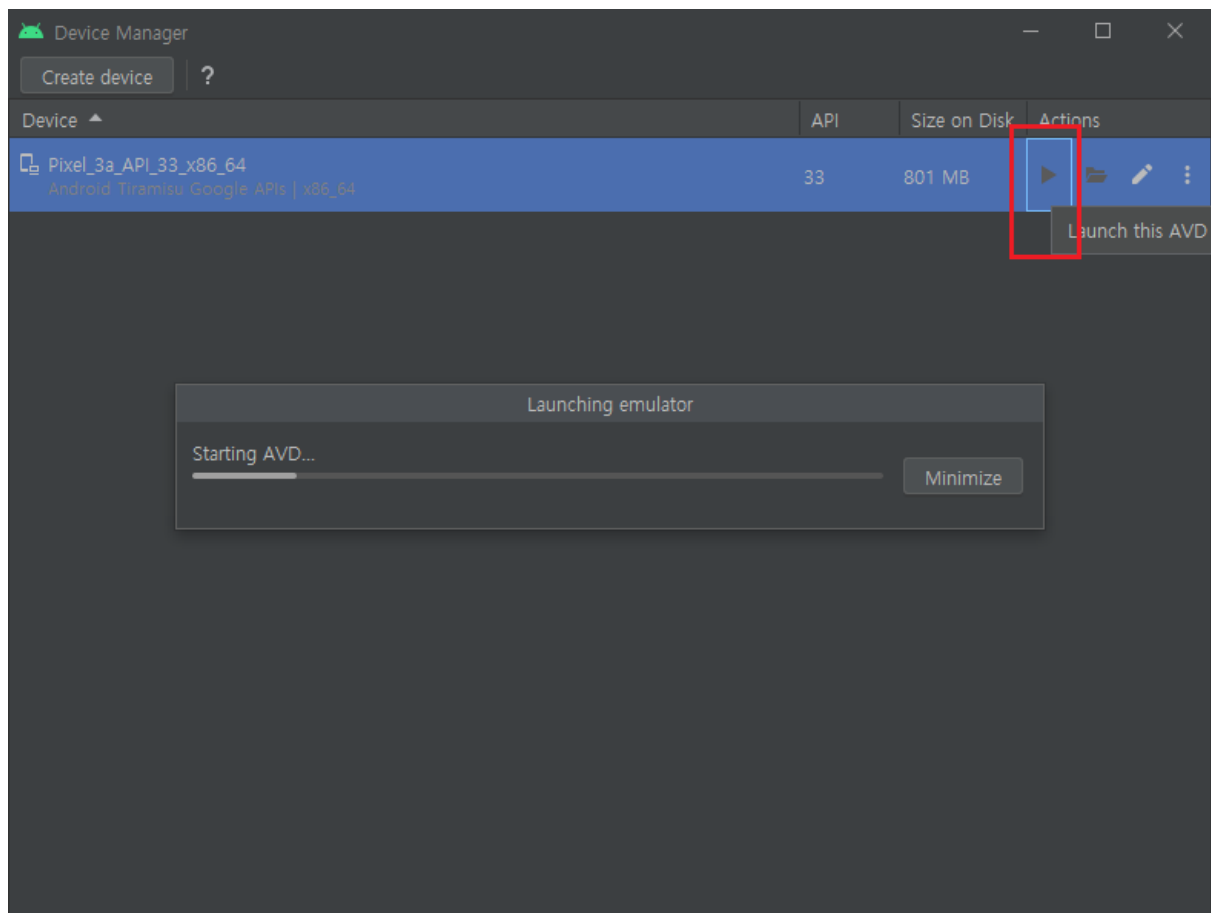
```
명령 프롬프트
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

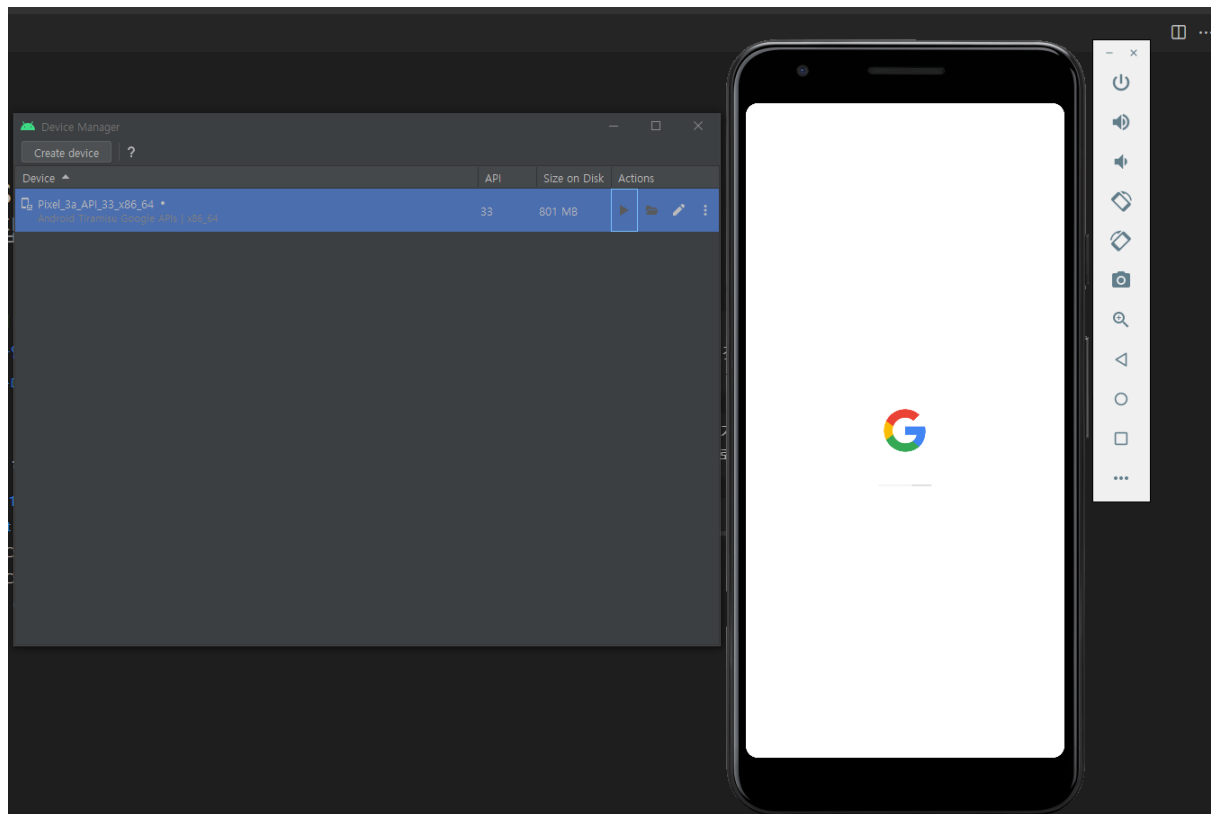
C:\Users\wtjoeun>adb --version
Android Debug Bridge version 1.0.41
Version 33.0.3-8952118
Installed as C:\Users\wtjoeun\AppData\Local\Android\Sdk\platform-tools\adb.exe

C:\Users\wtjoeun>
```









expo : 리액트네이티브를 편하게 도와준다.

구글에 expo 검색 후 sign up - log in

```
npm install expo-cli
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>cd
C:\Users\wtjoeun>cd ..
C:\Users>cd ..
C:\>npm install --global expo-cli
[ ] - idealTree:npm: sill idealTree buildDeps
```

경로 중요!!

```
C:\Windows\system32\cmd.exe - "node" "C:\Users\wtjoeun\AppData\Roaming\npm\node_modules\expo-cli\bin\expo.js" init my-first-e...
npm audit fix
To address all issues (including breaking changes), run:
  npm audit fix --force
Run `npm audit` for details.
C:\>
C:\>
C:\>
C:\>expo init my-first-expo
WARNING: expo-cli has not yet been tested against Node.js v18.12.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues
expo-cli supports following Node.js versions:
* >=12.13.0 <15.0.0 (Maintenance LTS)
* >=16.0.0 <17.0.0 (Active LTS)
Migrate to using:
> npx create-expo-app --template
? Choose a template: » - Use arrow-keys. Return to submit.
  ----- Managed workflow -----
> blank a minimal app as clean as an empty canvas
  blank (TypeScript) same as blank but with TypeScript configuration
  tabs (TypeScript)  several example screens and tabs using react-navigation and TypeScript
  ----- Bare workflow -----
  minimal bare and minimal, just the essentials to get you started
```

맨위 blank 로 설치


```

Migrate to using:
> npx create-expo-app --template

✓ Choose a template: » blank a minimal app as clean as an empty canvas
✓ Downloaded template.
✦ Using Yarn to install packages. Pass --npm to use npm instead.
- Installing JavaScript dependencies.

```

```

WARNING: expo-cli has not yet been tested against Node.js v18.12.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues

expo-cli supports following Node.js versions:
* >=12.13.0 <15.0.0 (Maintenance LTS)
* >=16.0.0 <17.0.0 (Active LTS)

Migrate to using:
> npx create-expo-app --template

✓ Choose a template: » blank a minimal app as clean as an empty canvas
✓ Downloaded template.
✦ Using Yarn to install packages. Pass --npm to use npm instead.
✓ Installed JavaScript dependencies.

✓ Your project is ready!

To run your project, navigate to the directory and run one of the following yarn commands.

- cd my-first-expo
- yarn start # you can open iOS, Android, or web from here, or run them directly with the commands below.
- yarn android
- yarn ios # requires an iOS device or macOS for access to an iOS simulator
- yarn web
Unable to initialize git repo. `git` not in PATH.

C:\>cd my-first-expo
C:\my-first-expo>

```

디렉토리로 *경로 중요!!*

npm start

```
C:\my-first-expo>npm start

> my-first-expo@1.0.0 start
> expo start

Starting project at C:\my-first-expo
Starting Metro Bundler



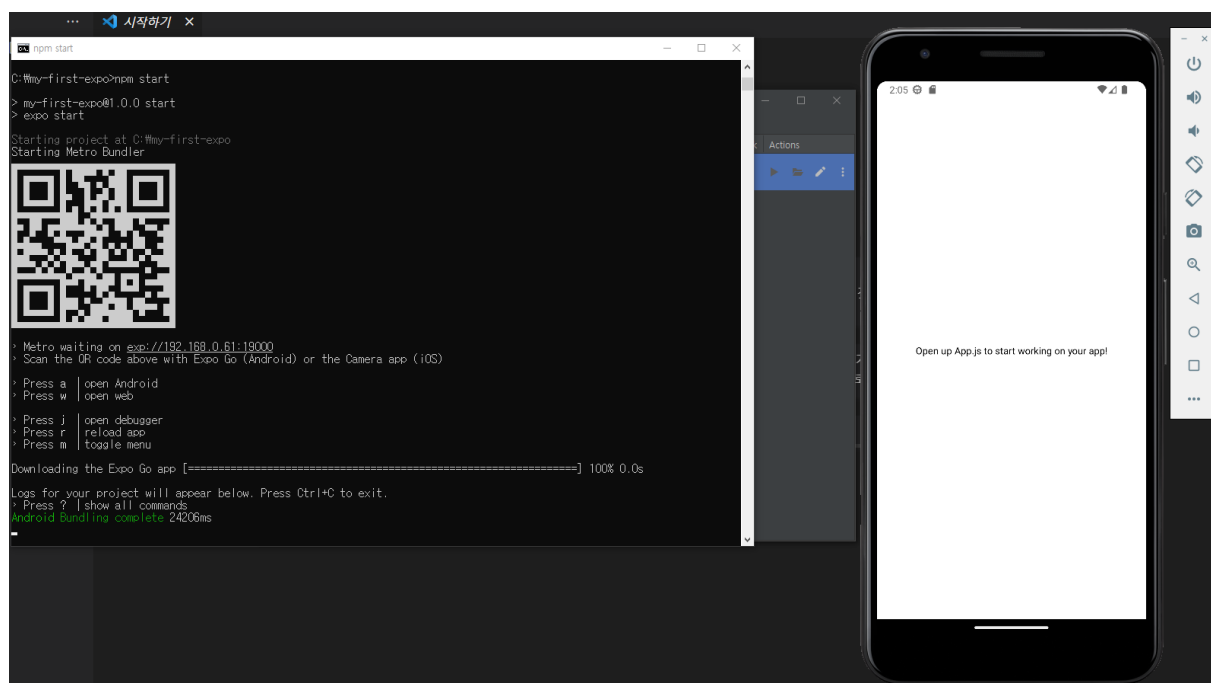
> Metro waiting on exp://192.168.0.61:19000
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Press a | open Android
> Press w | open web

> Press j | open debugger
> Press r | reload app
> Press m | toggle menu

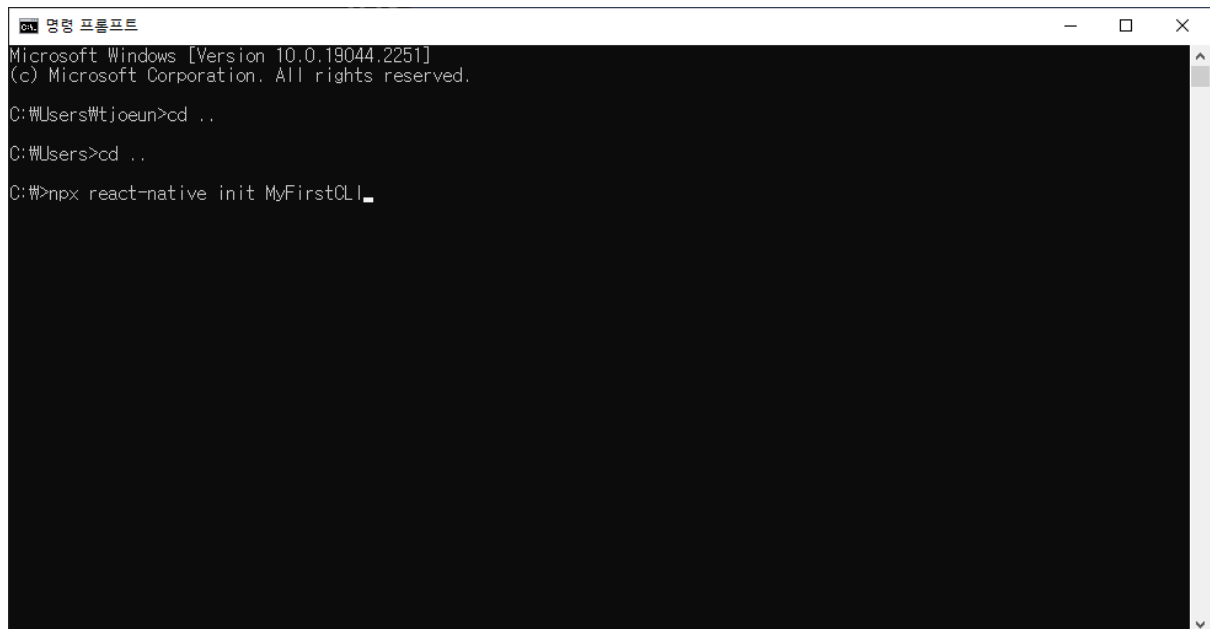
> Press ? | show all commands

Logs for your project will appear below. Press Ctrl+C to exit.
```



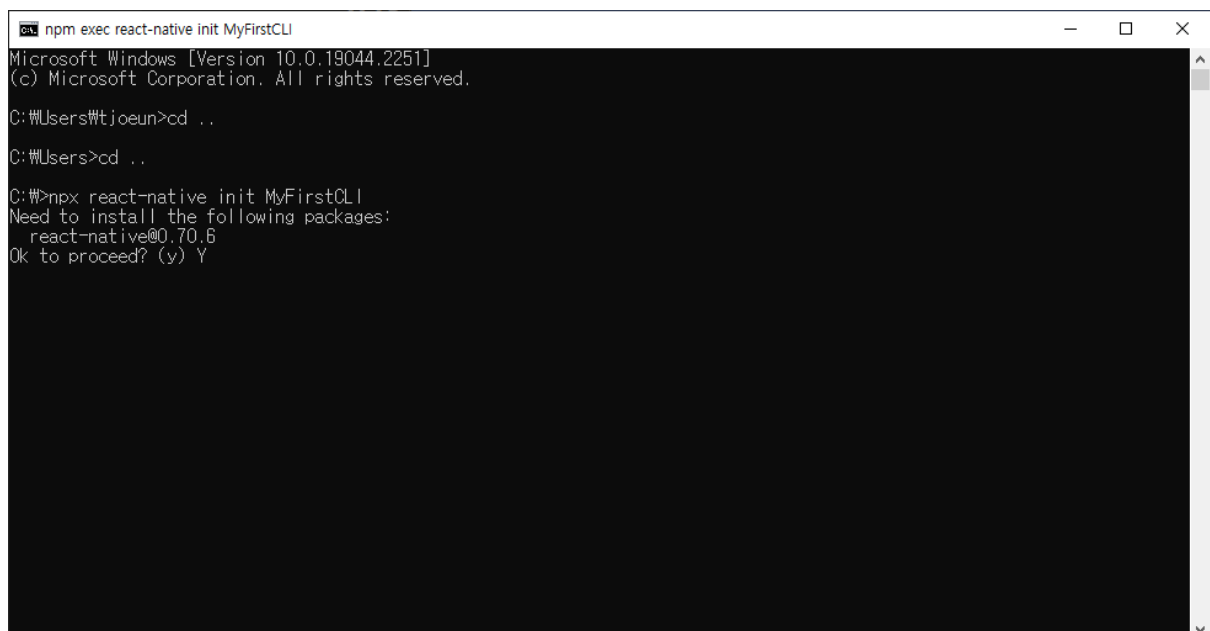
설치가 완료됐다.

쌍 리액트로 해보기



```
명령 프롬프트
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>cd ..
C:\Users>cd ..
C:\>npx react-native init MyFirstCLI
```



```
npm exec react-native init MyFirstCLI
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>cd ..
C:\Users>cd ..
C:\>npx react-native init MyFirstCLI
Need to install the following packages:
  react-native@0.70.6
Ok to proceed? (y) Y
```

expo로 하면 편하게 할수 있지만

리액트 네이티브로 진행하면 모든것을 커스터마이징을 할수 있다.

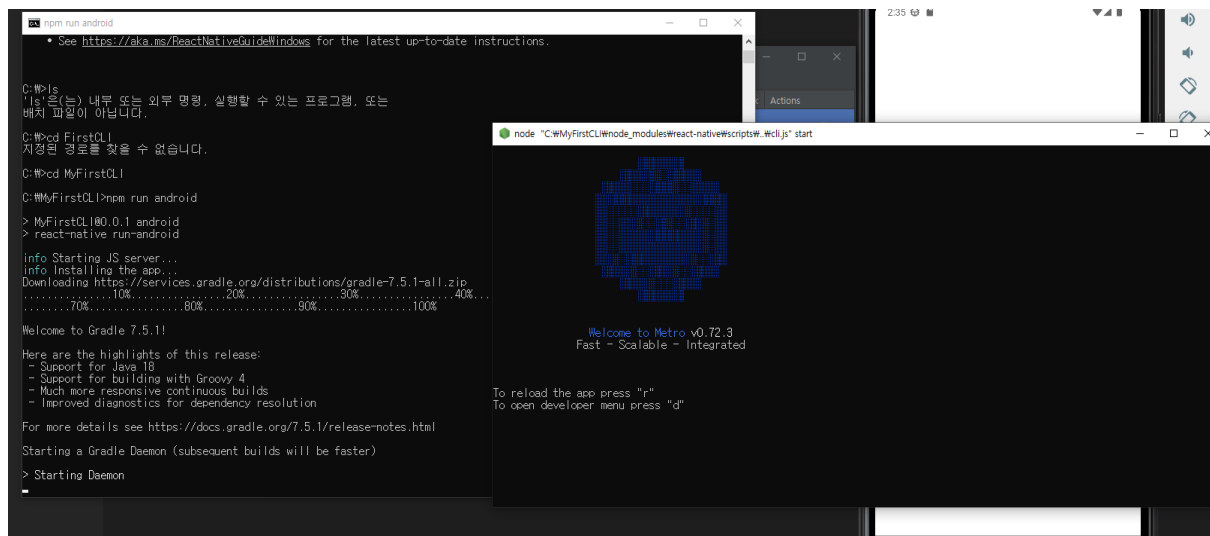
```
C:\Windows\system32\cmd.exe
Ok to proceed? (y) Y
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprecated
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolve#deprecated
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated uglify-es@3.3.9: support for ECMAScript is superseded by `uglify-js` as of v3.13.0

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

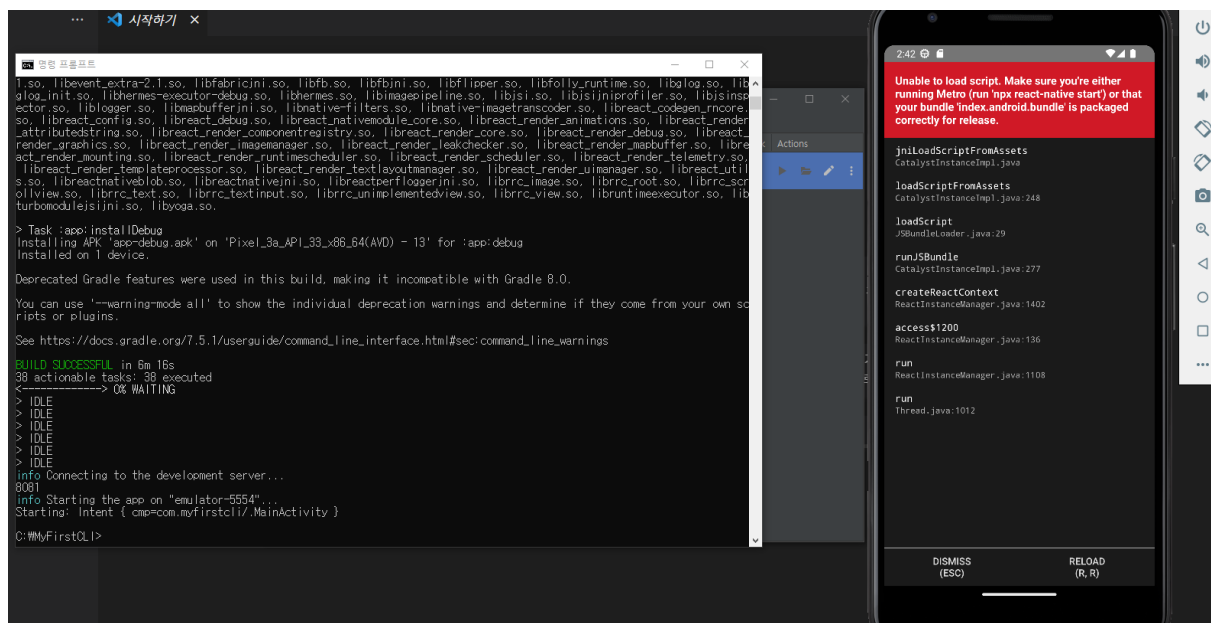
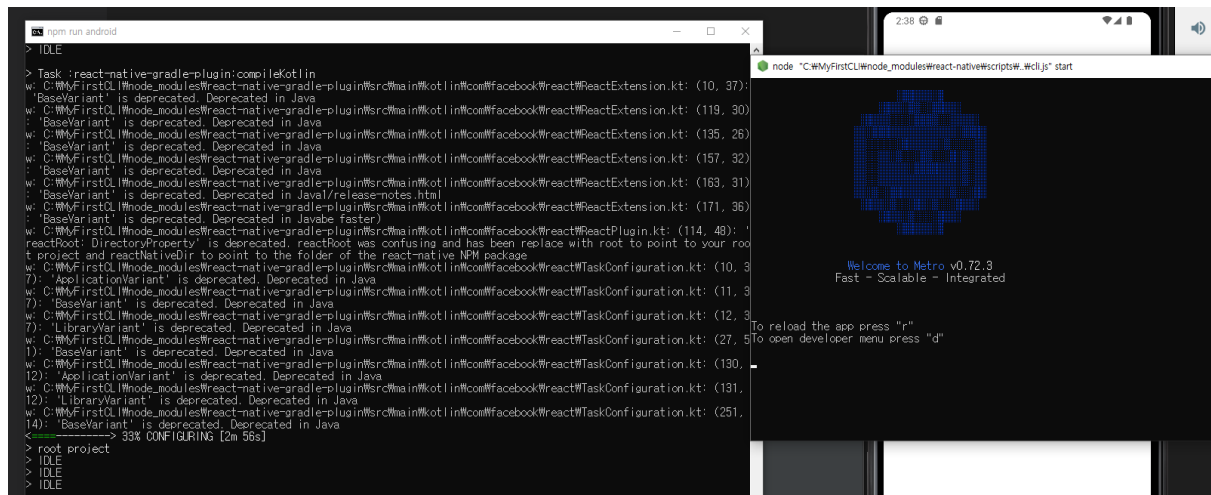
Welcome to React Native!
Learn once, write anywhere

# Downloading template
```

```
#####  
#####  
#####  
#####  
#####  
#####  
  
Welcome to React Native!  
Learn once, write anywhere  
  
✓ Downloading template  
✓ Copying template  
✓ Processing template  
✓ Installing dependencies  
  
Run instructions for Android:  
• Have an Android emulator running (quickest way to get started), or a device connected.  
• cd "C:\MyFirstCLI" && npx react-native run-android  
  
Run instructions for Windows:  
• See https://aka.ms/ReactNativeGuideWindows for the latest up-to-date instructions.  
  
C:\My>ls  
'ls'은(는) 내부 또는 외부 명령, 실행할 수 있는 프로그램, 또는  
배치 파일이 아닙니다.  
  
C:\My>cd FirstCLI  
지정된 경로를 찾을 수 없습니다.  
  
C:\My>cd MyFirstCLI  
  
C:\MyFirstCLI>npm run android  
  
> MyFirstCLI@0.0.1 android  
> react-native run-android  
  
info Starting JS server...
```



설치가 되고 있는 모습



다 됐는데 에러남

reactnative 폴더 만들기

```
C:\Windows\system32\cmd.exe - "node" "C:\Users\wtjoeun\AppData\Roaming\npm\node_modules\expo-cli\bin\expo.js" init project1
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>cd ..
C:\Users>cd ..
C:\>cd reactnative
C:\reactnative>expo init project1
WARNING: expo-cli has not yet been tested against Node.js v18.12.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues

expo-cli supports following Node.js versions:
* >=12.13.0 <15.0.0 (Maintenance LTS)
* >=16.0.0 <17.0.0 (Active LTS)

Migrate to using:
> npx create-expo-app --template

? Choose a template: » - Use arrow-keys. Return to submit.
  ----- Managed workflow -----
> blank a minimal app as clean as an empty canvas
  blank (TypeScript) same as blank but with TypeScript configuration
  tabs (TypeScript) several example screens and tabs using react-navigation and TypeScript
  ----- Bare workflow -----
  minimal bare and minimal, just the essentials to get you started
```

blank로 enter

vscode 로 폴더 열기

```
{
  "name": "project1",
  "version": "1.0.0",
  "main": "node_modules/expo/AppEntry.js",
  ▶ Debug
  "scripts": {
    "start": "expo start",
    "android": "expo start --android",
    "ios": "expo start --ios",
    "web": "expo start --web"
  },
  "dependencies": {
    "expo": "~47.0.8",
    "expo-status-bar": "~1.4.2",
    "react": "18.1.0",
    "react-native": "0.70.5"
  },
  "devDependencies": {
    "@babel/core": "^7.12.9"
  },
  "private": true
}
```

참고하기

경로 cd project1 에서 npm start

```
(c) Microsoft Corporation. All rights reserved.

C:\reactnative\project1>npm start

> project1@1.0.0 start
> expo start

Starting project at C:\reactnative\project1
```

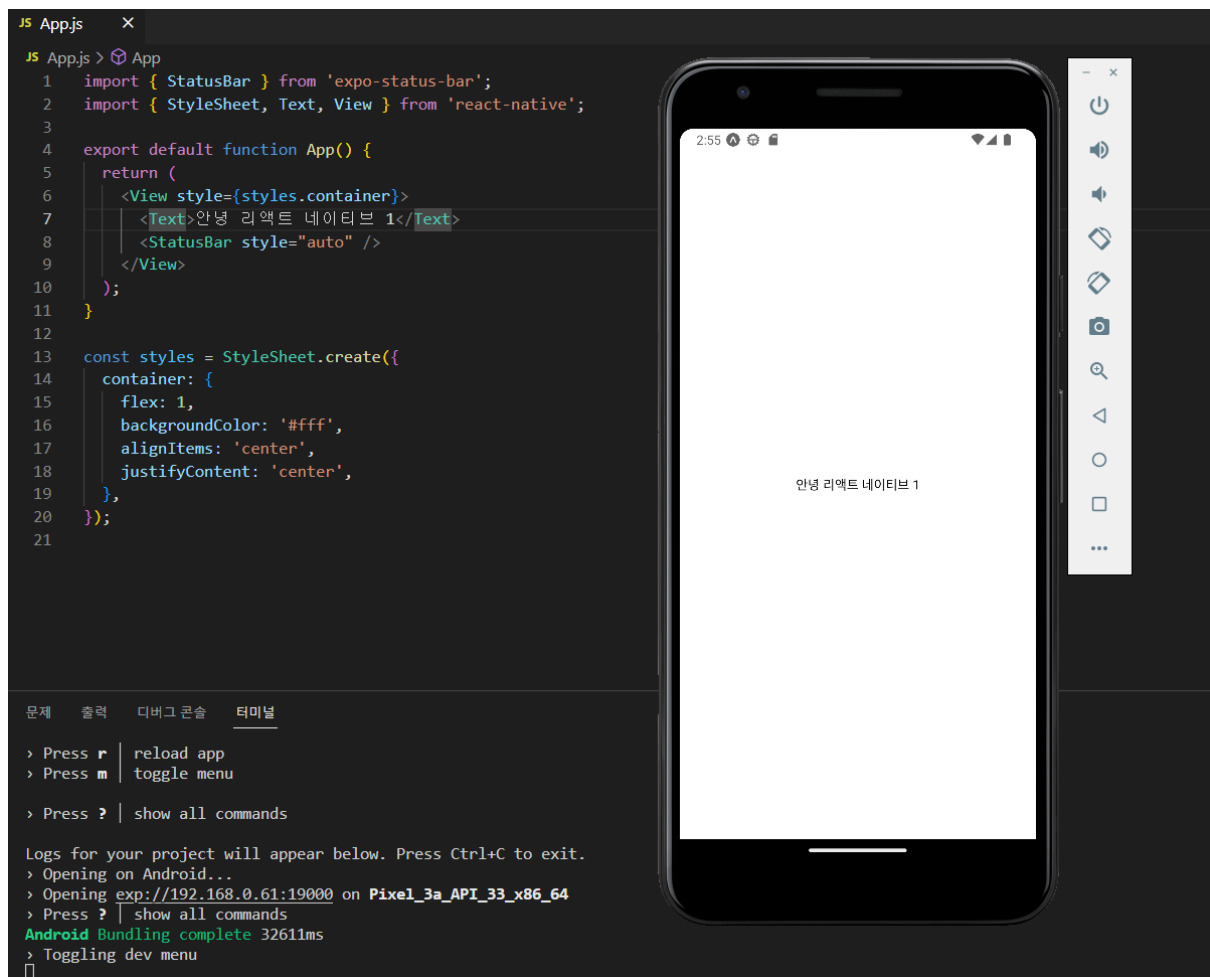
a 를 누르면 열린다


```
CommandError: No Android connected device found, and no emulators could be started automatically.
Please connect a device or create an emulator (https://docs.expo.dev/workflow/android-studio-emulator).
Then follow the instructions here to enable USB debugging:
https://developer.android.com/studio/run/device.html#developer-device-options. If you are using Genymotion go to Settings -> ADB, select "Use custom Android SDK tools",
and point it at your Android SDK directory.
```

옆에 디바이스 매니저 전원을 다 켜놓고 npm start를 하고 a를 눌러야 위 같은 에러가 나오지 않는다

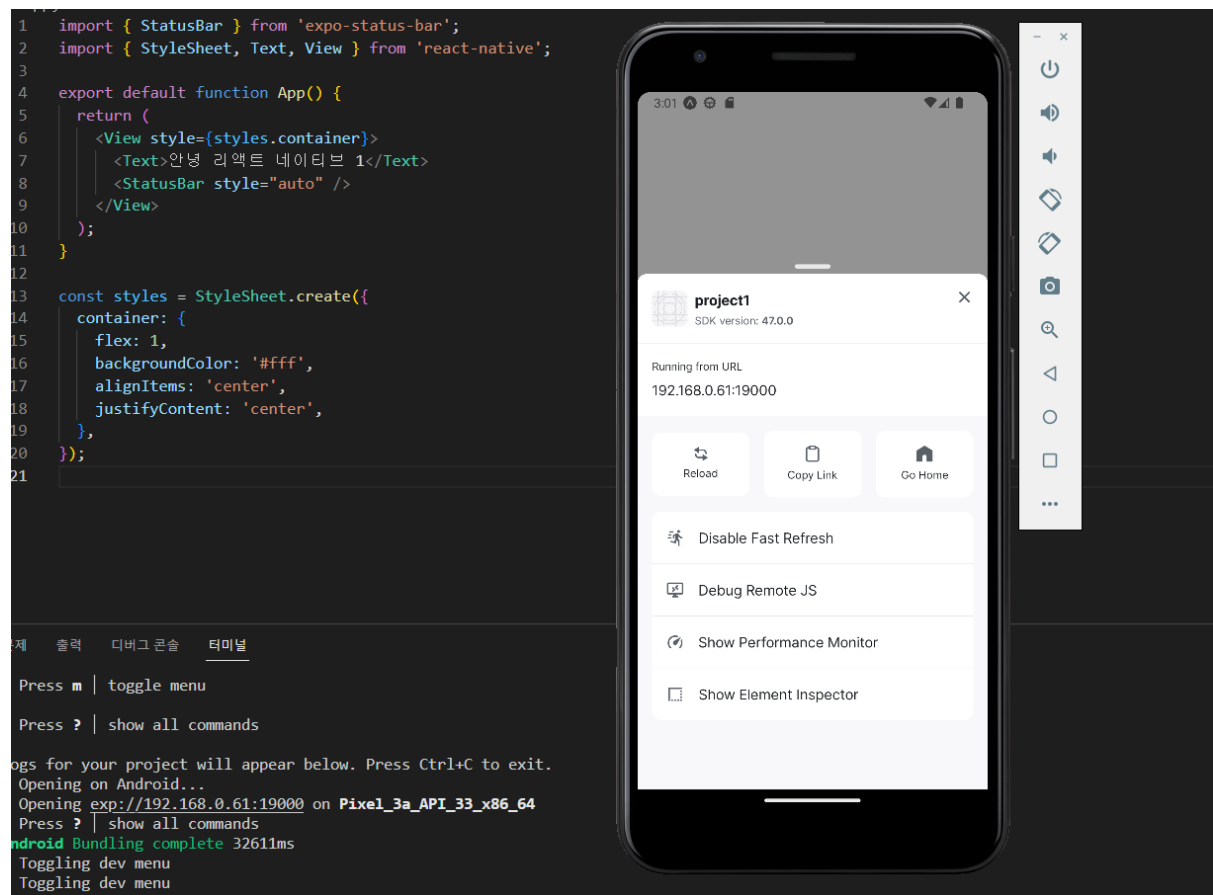
text 부분을 바꿔도 안드로이드 화면이 바뀌지 않았다.

터미널에서 m 을 누르고 안드로이드에 메뉴에서 enable fast ~를 누르면 렌더링이 되었다.



터미널에서 m 을 입력하면 이런 화면이 나온다

만약 안드로이드 화면이 refresh 가 되지 않는다면 저기서 바꿔주면된다



이후 책 55p.

```

Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\wtjoeun>CD ..

C:\Users>CD ..

C:\>cd reactnative

C:\reactnative>expo init react-native-component
WARNING: expo-cli has not yet been tested against Node.js v18.12.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues

expo-cli supports following Node.js versions:
* >=12.13.0 <15.0.0 (Maintenance LTS)
* >=16.0.0 <17.0.0 (Active LTS)

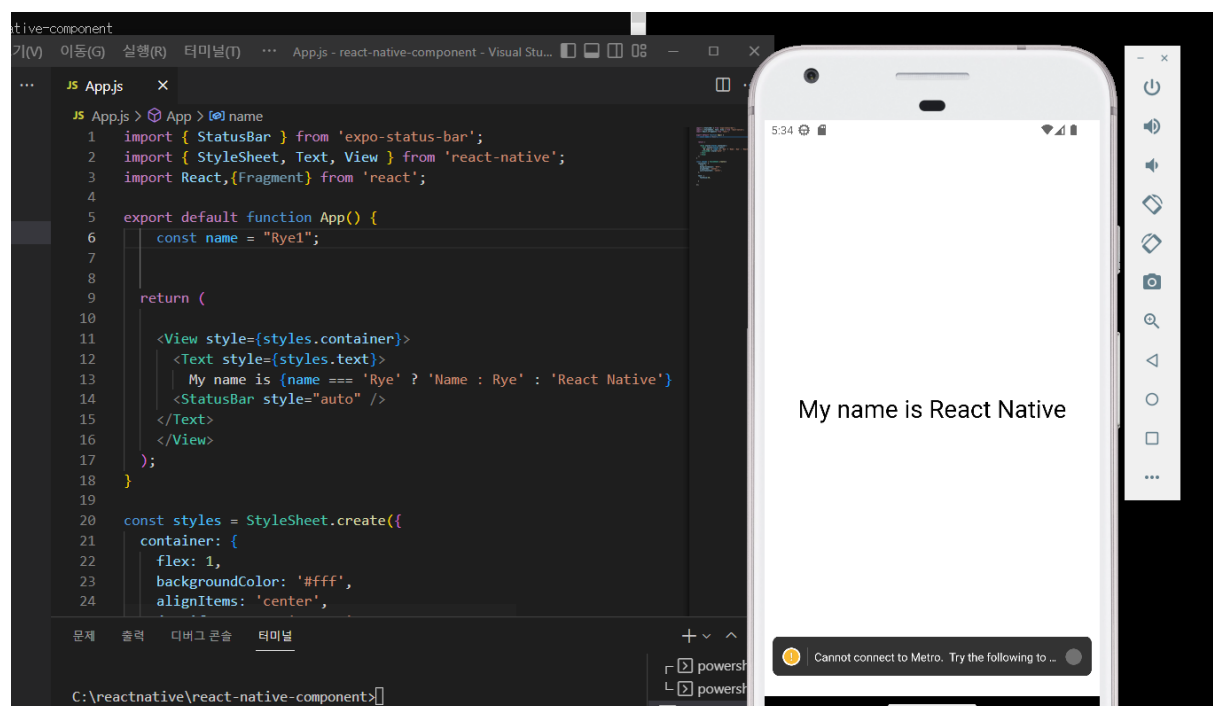
Migrate to using:
> npx create-expo-app --template

✔ Choose a template: > blank a minimal app as clean as an empty canvas
✔ Downloaded template.
✔ Using Yarn to install packages. Pass --npm to use npm instead.
- Installing JavaScript dependencies.

```

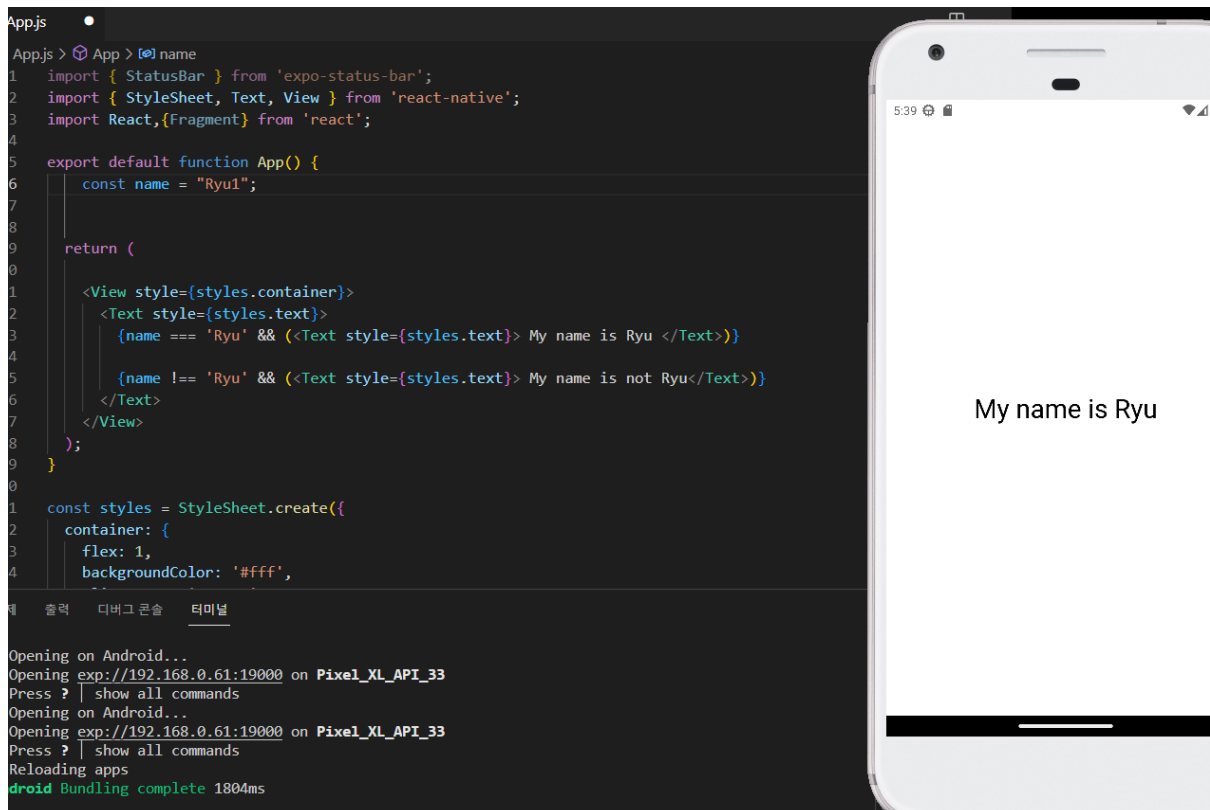
이후 blank 로 설치

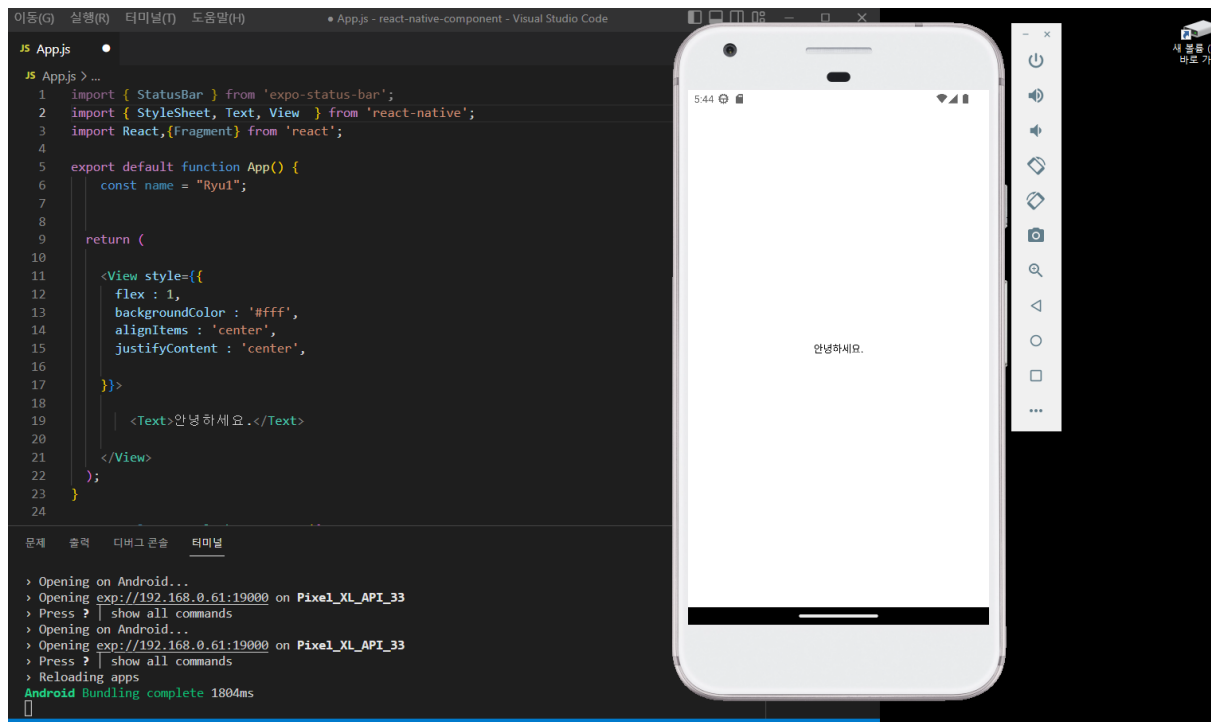
안드로이드 화면에서 이전 거가 사라지지 않는다면 터미널에서 r을 눌러서 리로드시킨다.



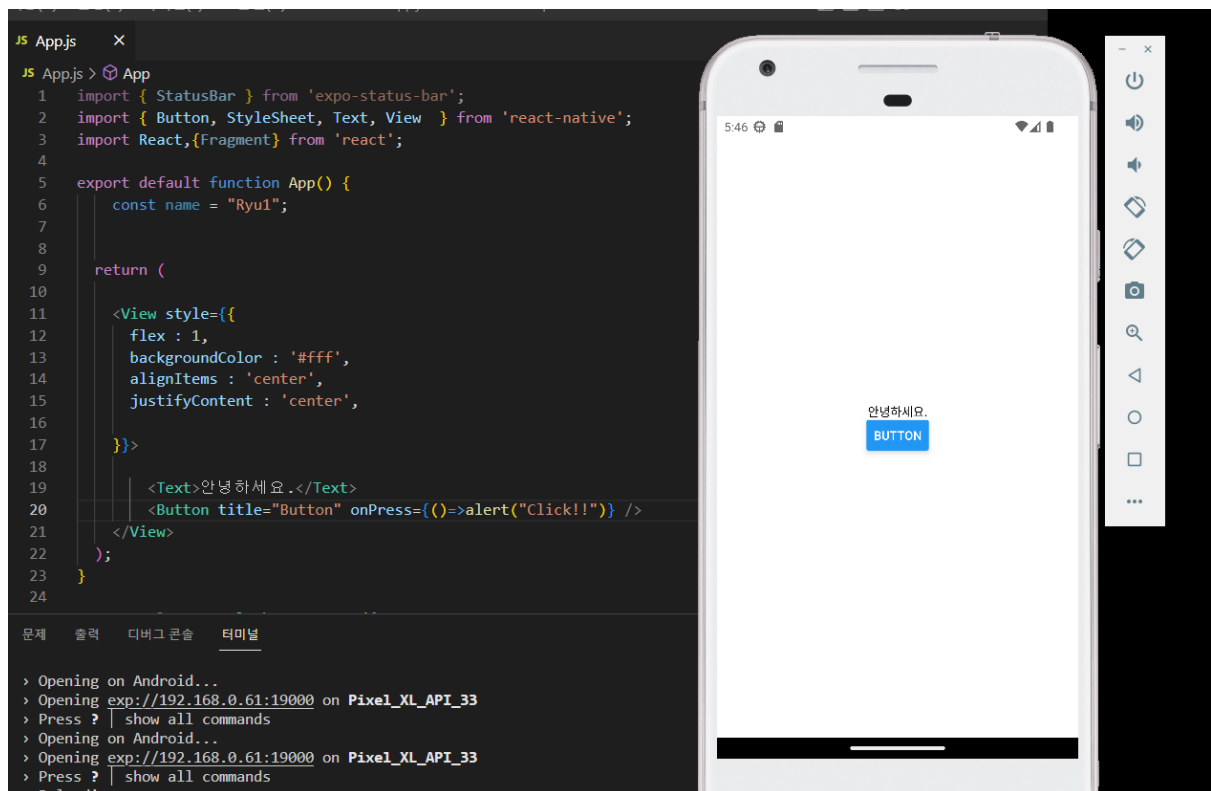


false 이면 아무것도 나오지 않음





view 컴포넌트에 직접 스타일 넣기



버튼 만들기