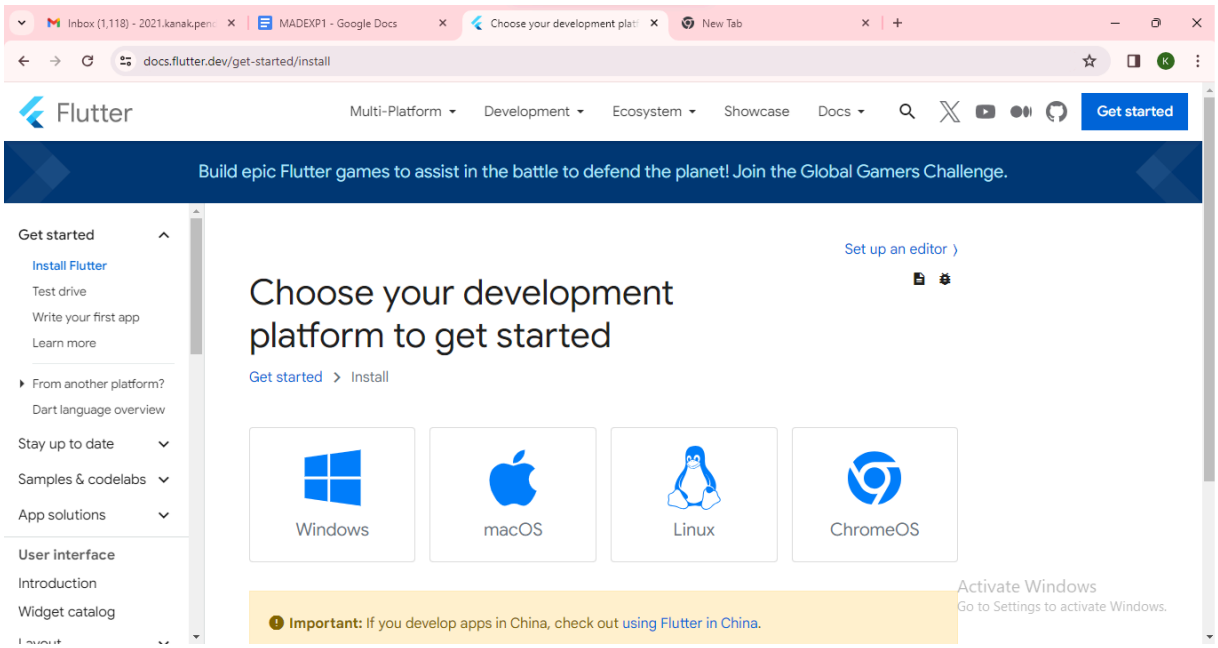
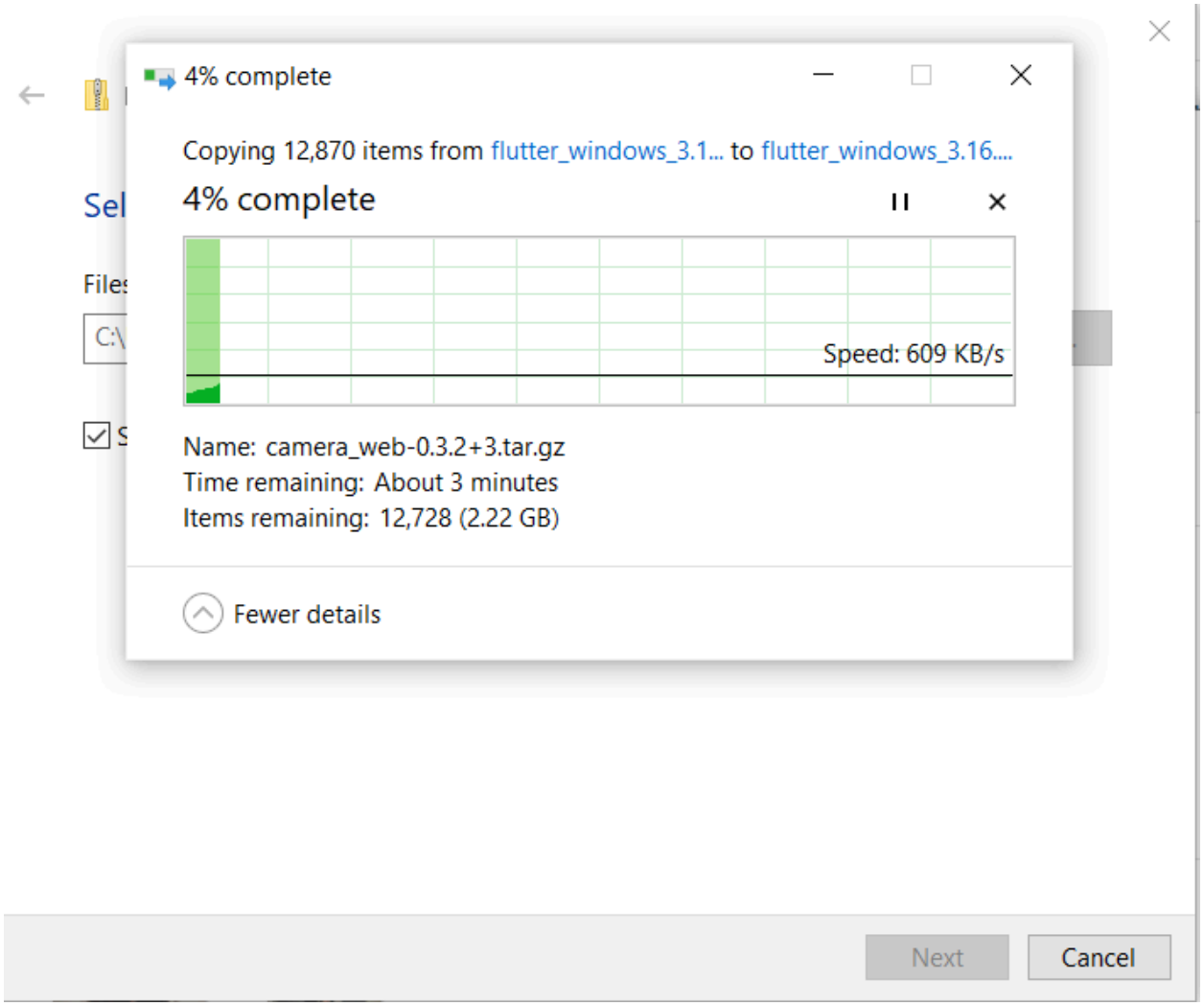
# Experiment No: 1

**Aim:** Installation and configuration of flutter.

STEP 1: Install the Flutter SDK Download the Flutter Software Development Kit from the official website for Windows.



**STEP 2:** Once the download is complete extract the zip file and place it in the desired folder.



**STEP 3:** To run the Flutter command in the regular windows console, you need to update the system path to include the flutter bin directory. The following steps are required to do this:
Go to THIS PC -> Properties -> Advanced system settings -> Environment variables.

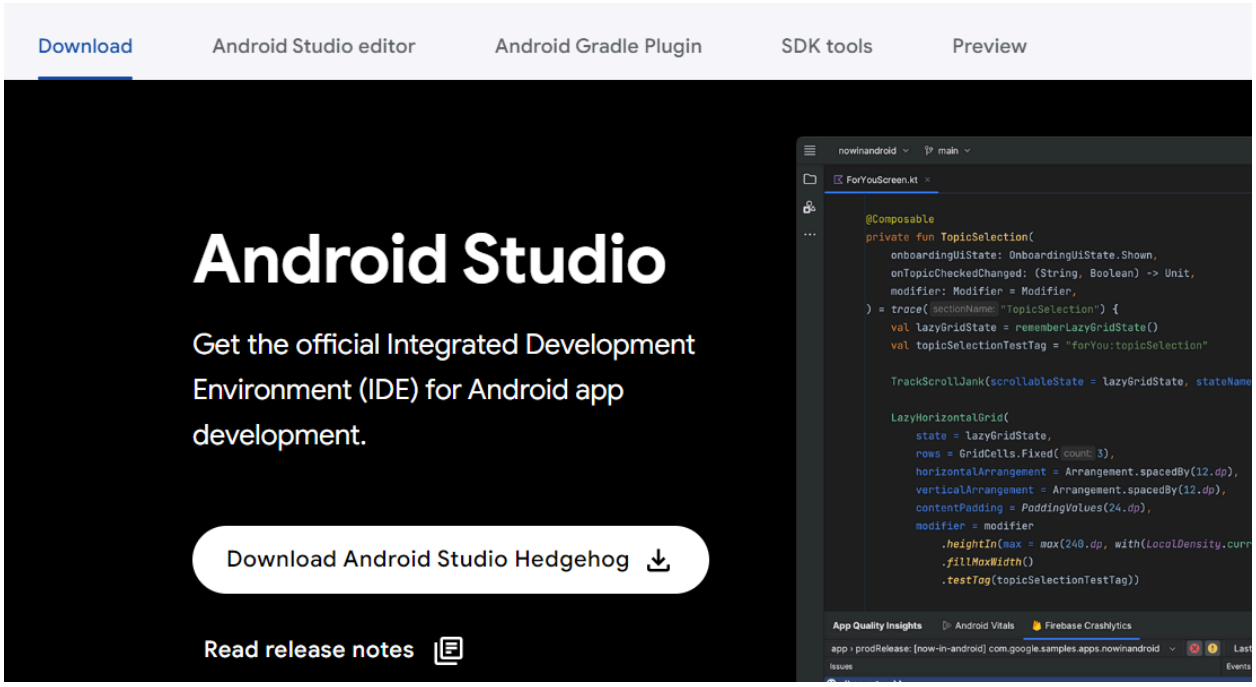
**STEP 4:** Select the Path -> click on Edit and add the path to the Flutter bin folder.

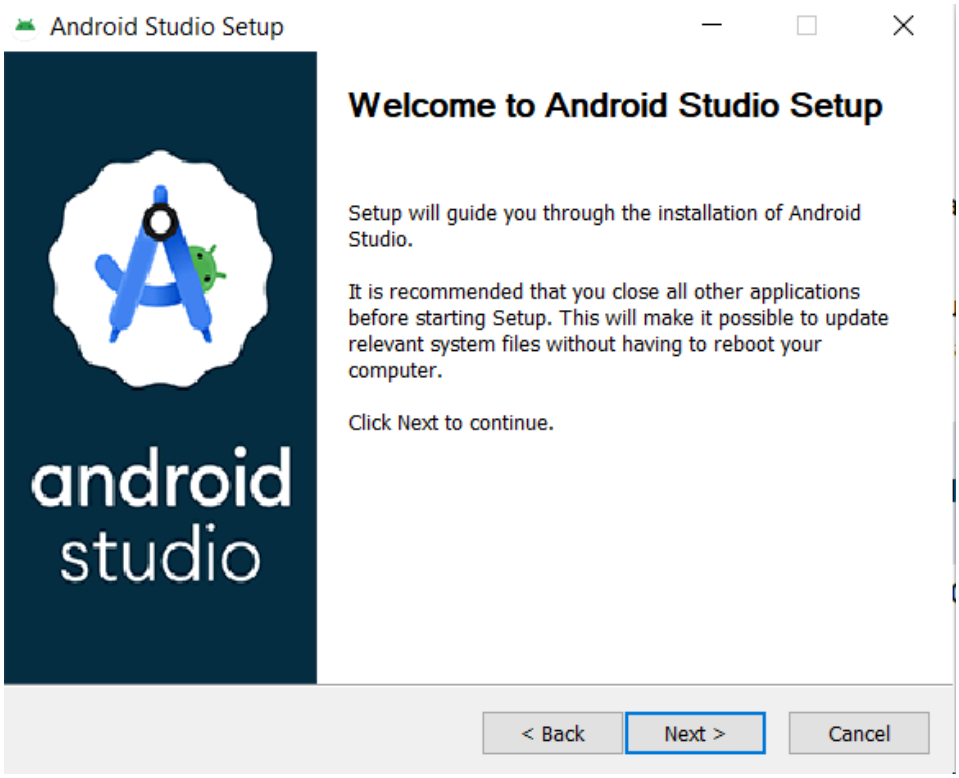
**STEP 5:** Run the flutter command in the Command Prompt.

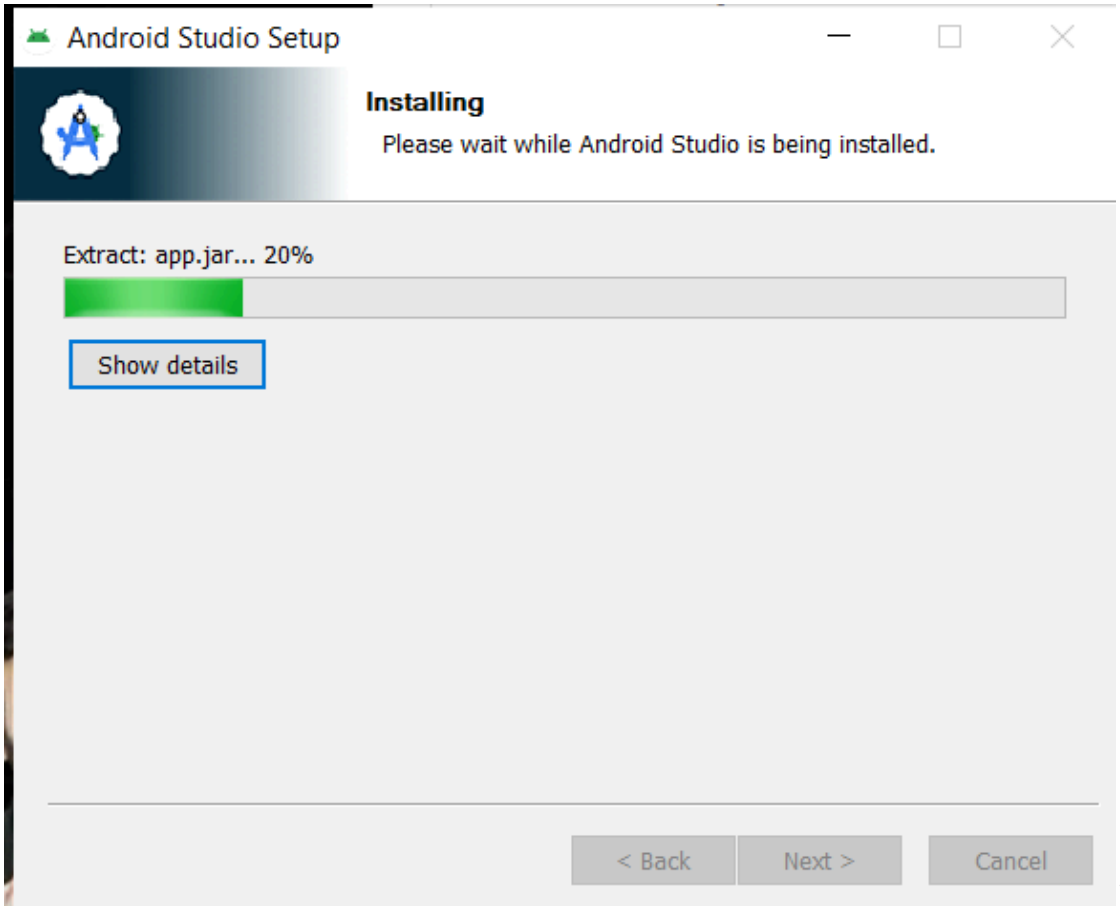
```
C:\Users\DELL>flutter
Manage your Flutter app development.

Common commands:

  flutter create <output directory>
    Create a new Flutter project in the specified directory.

  flutter run [options]
    Run your Flutter application on an attached device or in an emulator.

Usage: flutter <command> [arguments]

Global options:
-h, --help                  Print this usage information.
-v, --verbose               Noisy logging, including all shell commands executed.
                            If used with "--help", shows hidden options. If used with "flutter doctor", shows additional
those cases.)
-d, --device-id             Target device id or name (prefixes allowed).
    --version               Reports the version of this tool.
    --enable-analytics      Enable telemetry reporting each time a flutter or dart command runs.
    --disable-analytics     Disable telemetry reporting each time a flutter or dart command runs, until it is
                            re-enabled.
    --suppress-analytics    Suppress analytics reporting for the current CLI invocation.

Available commands:
```

Also, run the flutter doctor command. This command checks for all the requirements of Flutter app development and displays a report of the status of your Flutter installation.

**STEP 6:** Install the Android SDK. If the flutter doctor command does not find the Android SDK tool in your system, then you need first to install the Android Studio IDE.




Android Studio Setup
Welcome to Android Studio Setup
Setup will guide you through the installation of Android Studio.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
android studio
< Back
Next >
Cancel

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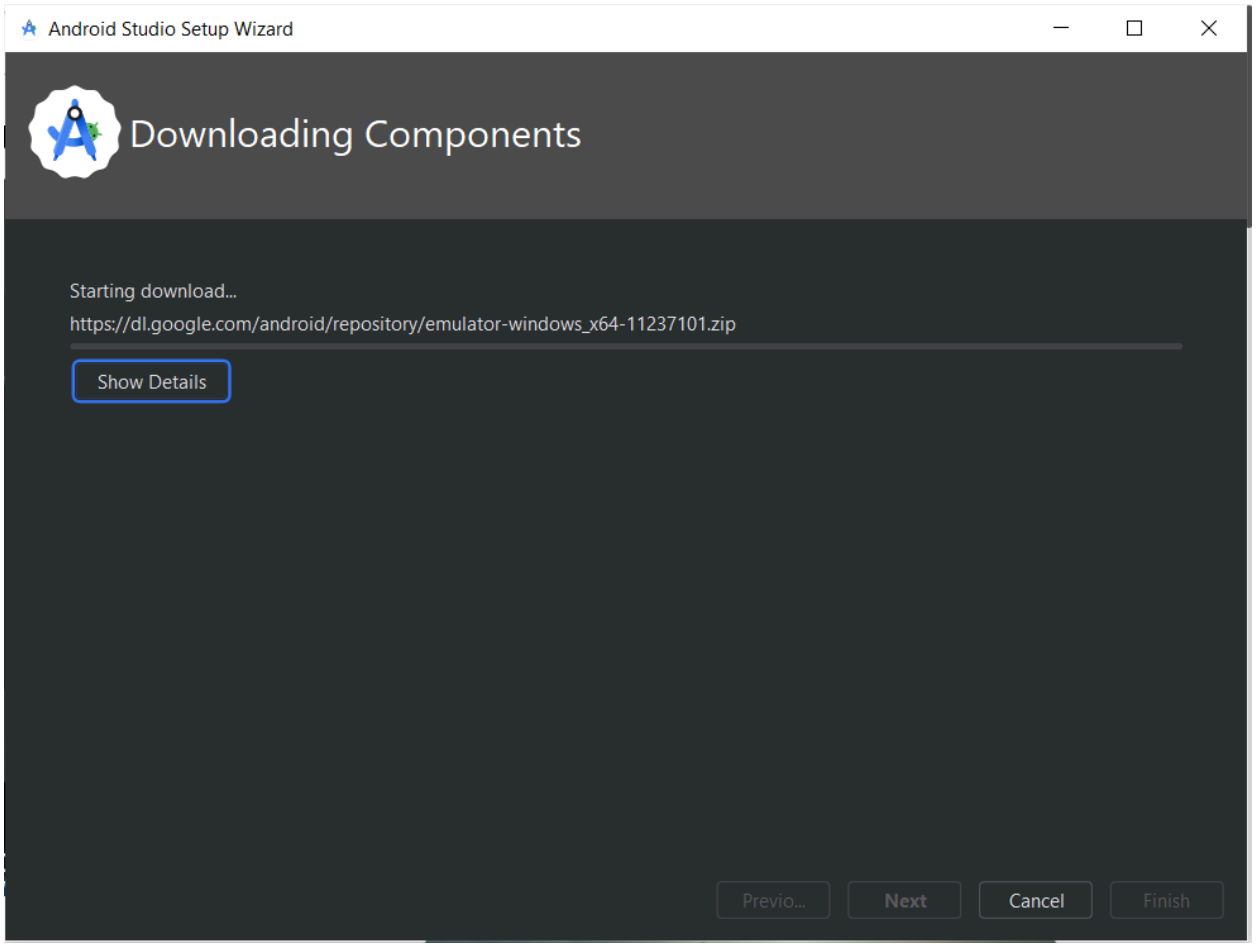
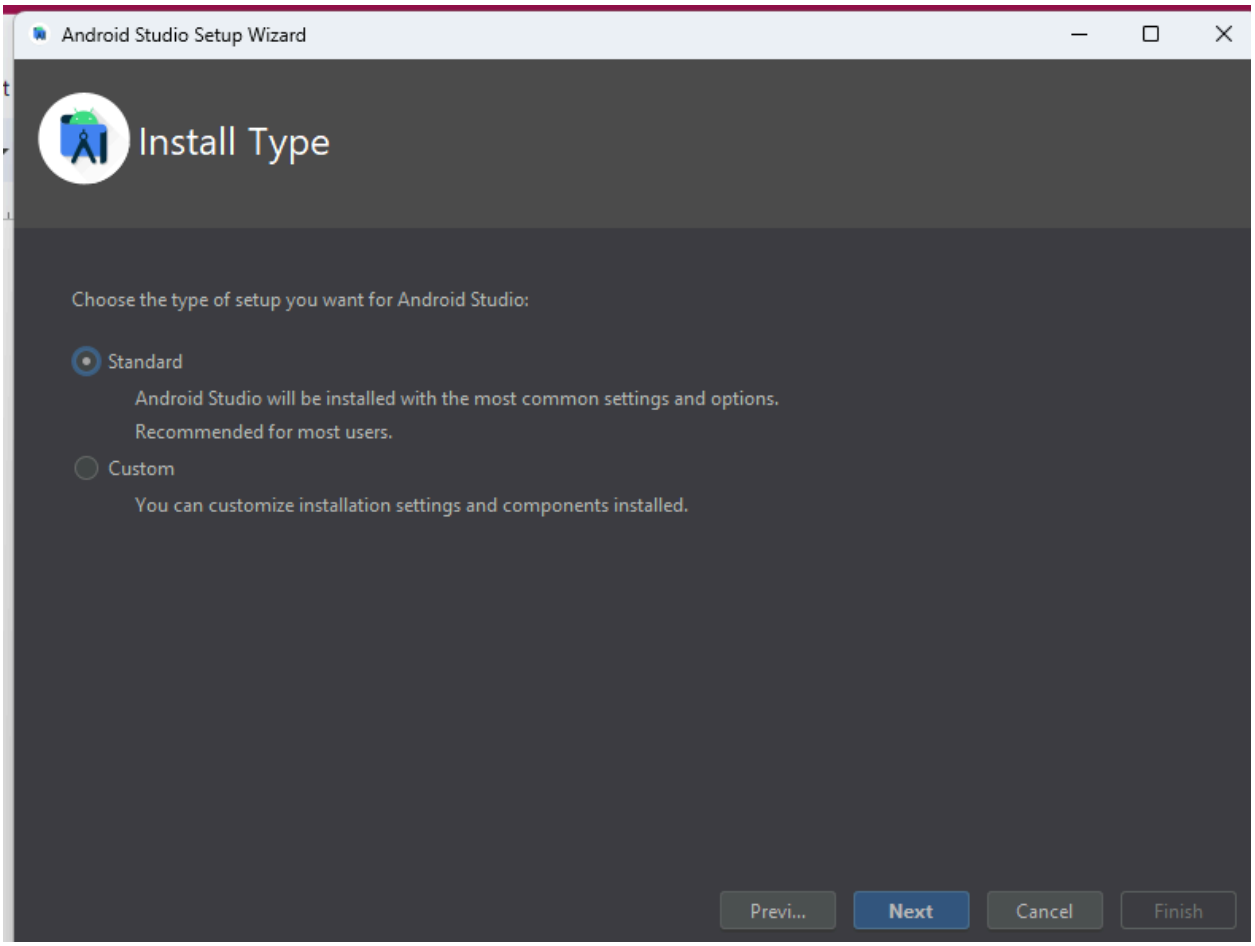
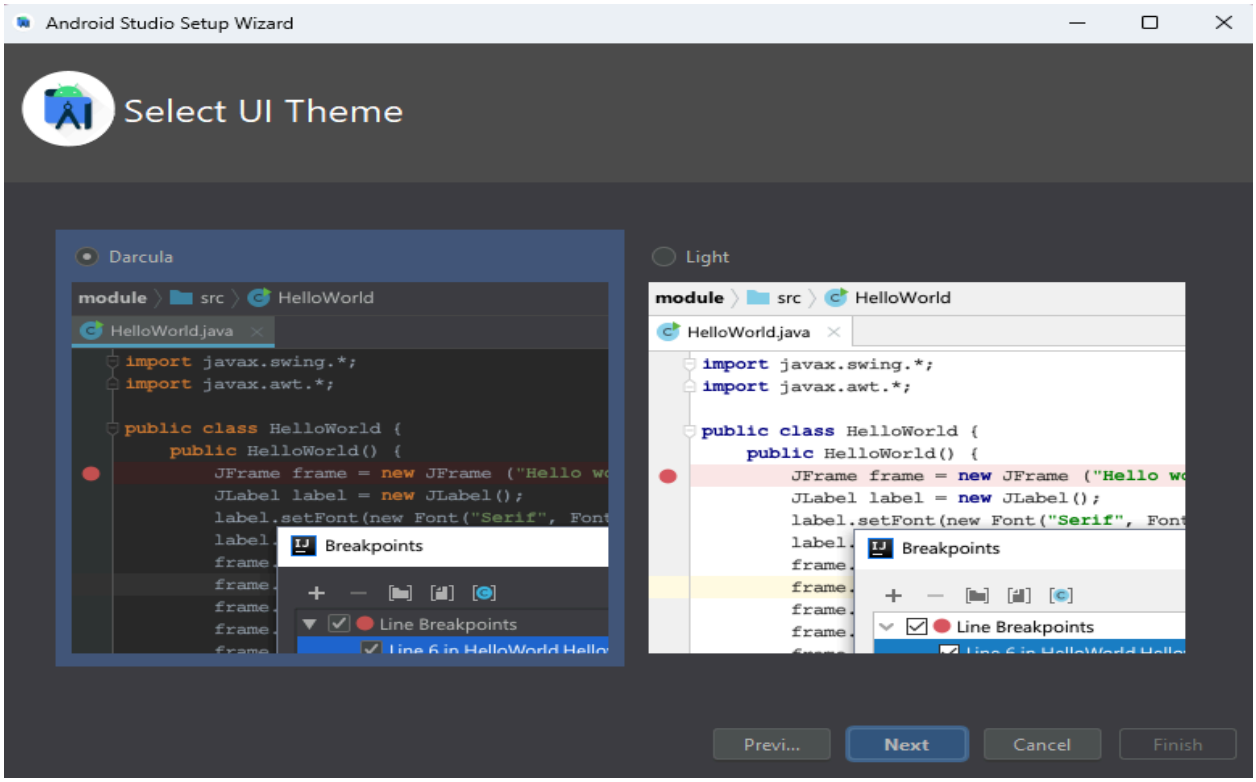
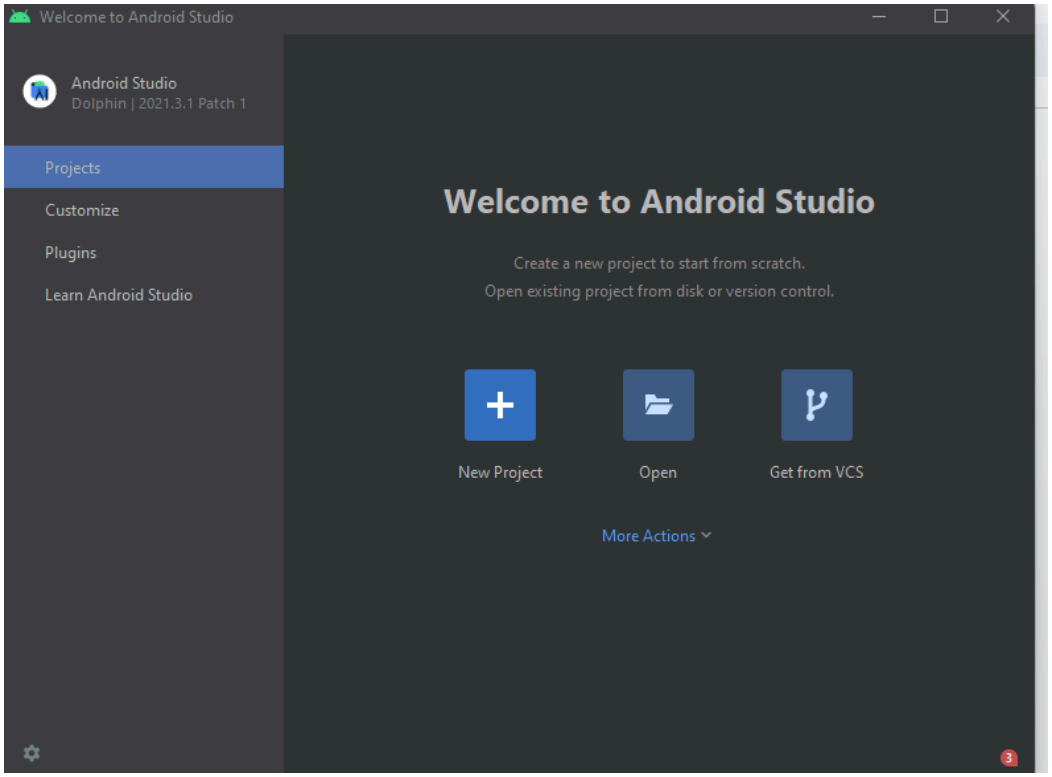
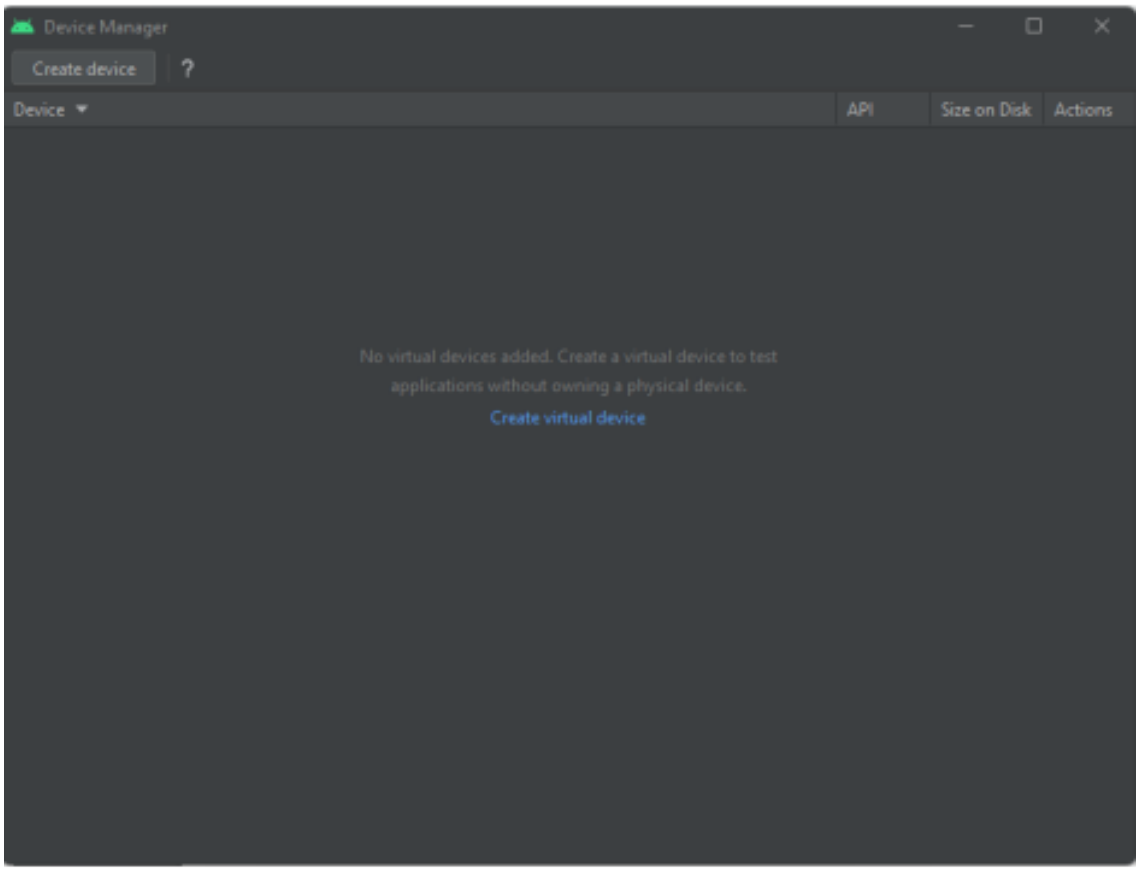
Once the android Studio is installed, Download the Android SDK Command-Line Tools present in the Android SDK section in Android Studio.


Android Studio Setup Wizard
Downloading Components
Starting download...
https://dl.google.com/android/repository/emulator-windows_x64-11237101.zip
Show Details
Previo...
Next
Cancel
Finish


Android Studio Setup Wizard
Install Type
Choose the type of setup you want for Android Studio:
Standard
Android Studio will be installed with the most common settings and options.
Recommended for most users.
Custom
You can customize installation settings and components installed.
Previ...
Next
Cancel
Finish


Android Studio Setup Wizard
Select UI Theme
Darcula
Light
module
src
HelloWorld
HelloWorld.java
import javax.swing.*;
import javax.awt.*;
public class HelloWorld {
public HelloWorld() {
JFrame frame = new JFrame ("Hello wo
JLabel label = new JLabel();
label.setFont(new Font("Serif", Font
Breakpoints
Line Breakpoints
Previ...
Next
Cancel
Finish


Welcome to Android Studio
Android Studio
Dolphin | 2021.3.1 Patch 1
Projects
Customize
Plugins
Learn Android Studio
Welcome to Android Studio
Create a new project to start from scratch.
Open existing project from disk or version control.
New Project
Open
Get from VCS
More Actions




**Conclusion:We installed flutter and android studio and we faced minor problems while setting up the android studio licenses.**