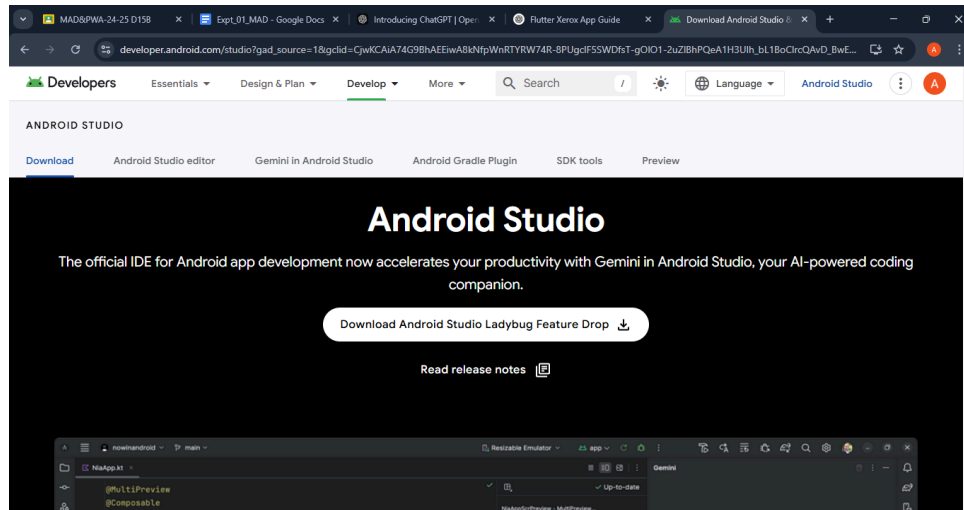


MAD & PWA

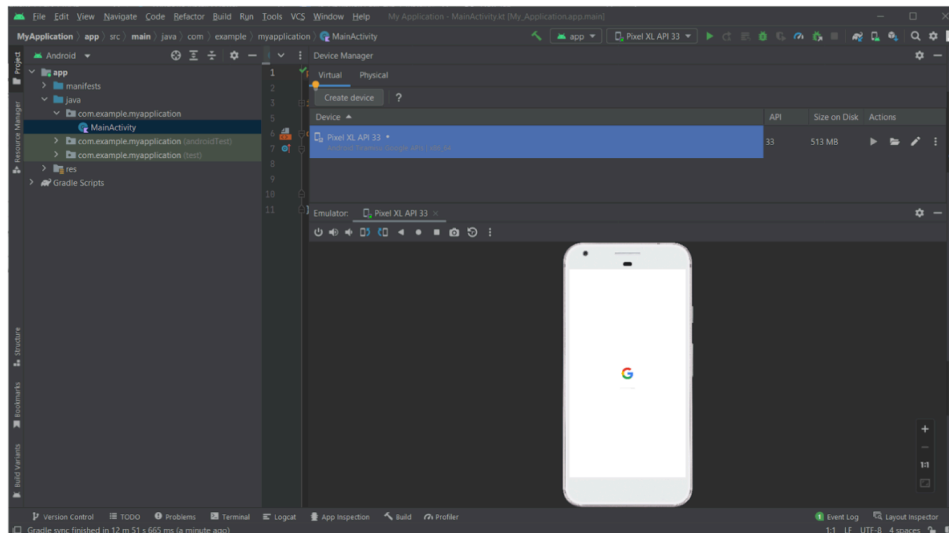
Experiment No: 01

Aim: To setup Android App Development Environment.

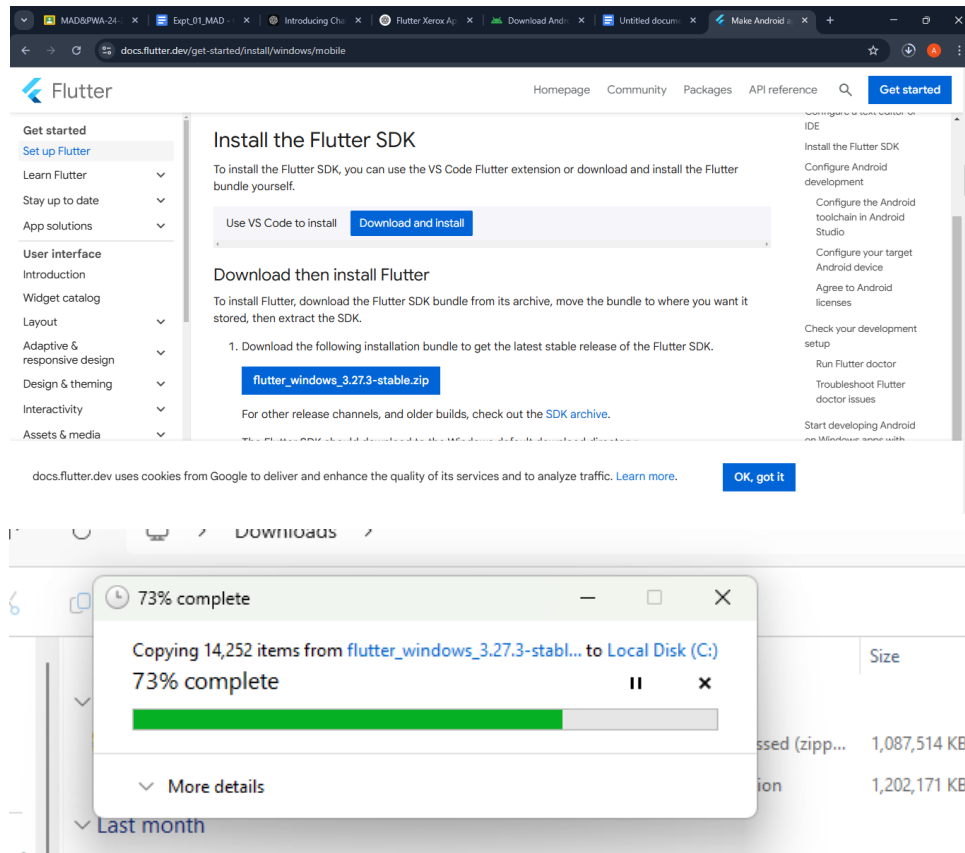
Step 1: Download Android Studio, run exe file and follow on screen steps to install it.



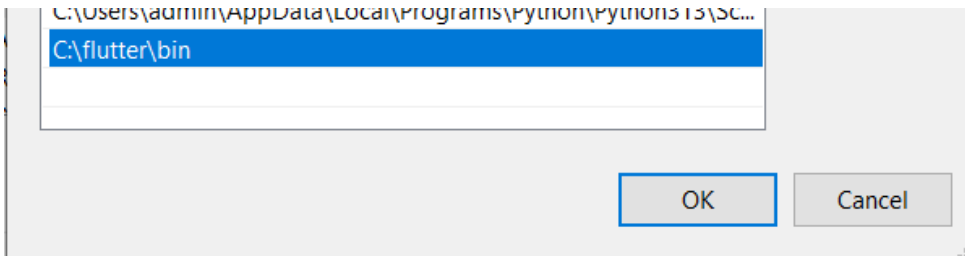
Step 2: set up an Android emulator in Setting>Virtual Device Manager.



Step 3: Download and install Flutter SDK by Extracting zip file(preferably in location C:\flutter).



Step 4: Set path of flutter sdk bin in System path to access flutter in command prompt.



Step 5: Run flutter and flutter doctor command to ensure everything is setup for development.

```
C:\Users\admin>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.27.4, on Microsoft Windows [Version 10.0.19045.5371], locale en-IN)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.1)
[✓] Chrome - develop for the web
[X] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2024.2)
[✓] VS Code (version 1.97.0)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.

C:\Users\admin>
```