Experiment - 1

AIM: Android Studio setup for Flutter development with along with Dart SDK.

Solution:

Step1: Installing a Flutter.

i. **System Requirements:**

- Assure that your system meets the minimum requirements. Flutter supports macOS, Linux, and Windows.
- On macOS, you need Xcode with the command-line tools installed.
- On Linux, you need to have git, lib32stdc++6, and other dependencies installed.

ii. **Download Flutter:**

- Visit Flutter Website for Installation of Flutter->https://docs.flutter.dev/get-started/install.

iii. **Extract Flutter:**

- If you downloaded the ZIP file, extract it to a location on your machine.**(C:\src\flutter)**.

iv. **Set Up Environment Variables:**

- Add the **C:\src\flutter\bin**directorytoyoursystem's PATH variable.

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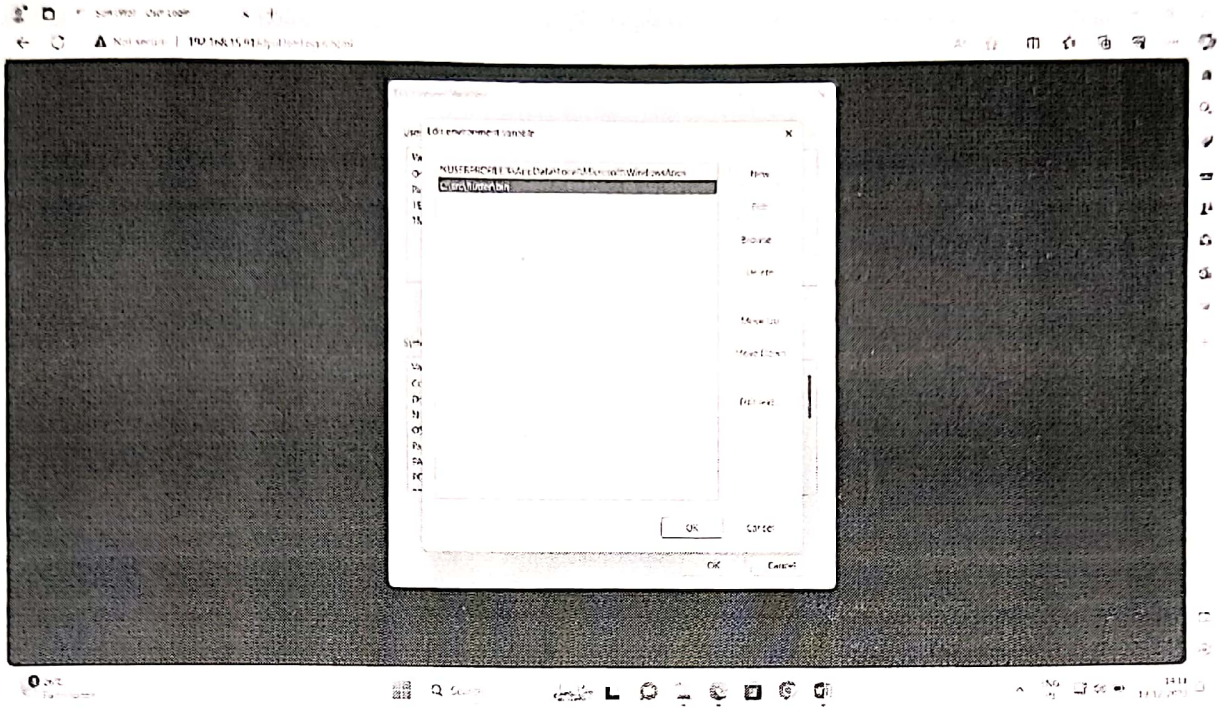

v. **Run flutter doctor:**

- Open a terminal and run the following command: flutter doctor
- This command checks your environment and displays a report of any missing dependencies or issues.

vi. **Install Flutter Dependencies:**

- Follow the instructions provided by flutter doctor to install any missing dependencies. This may include things like Android Studio, Xcode command-line tools, etc.

Step 2: Installing Android Studio.

i. Download Android Studio:

- Visit the Android Studio download page.
- Click on the "Download" button and download the Windows version.

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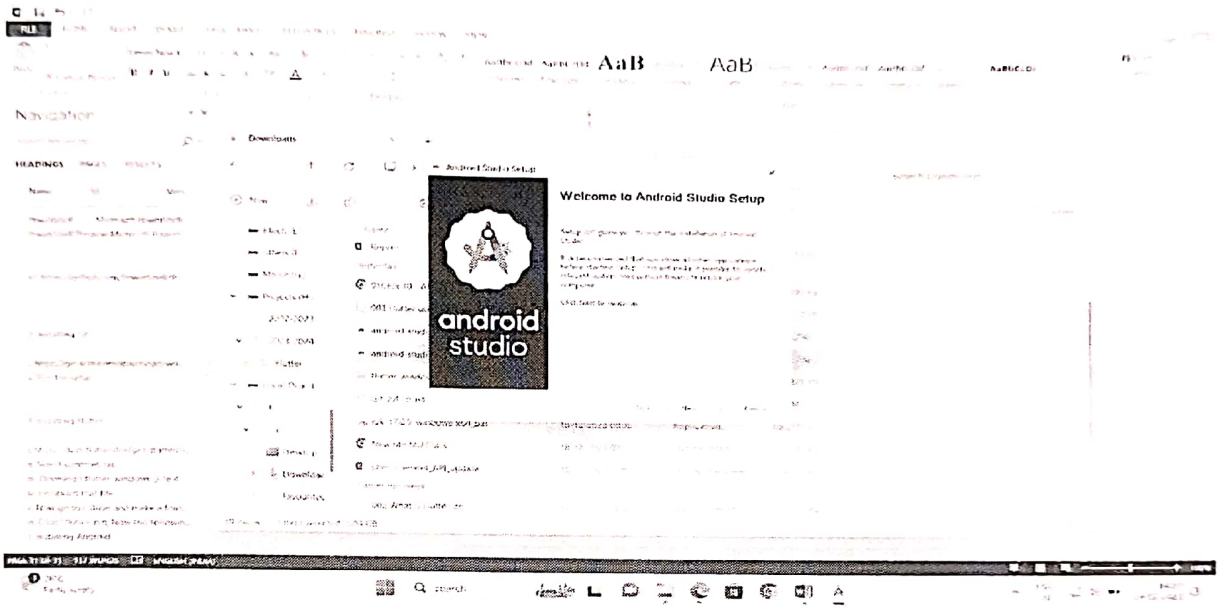
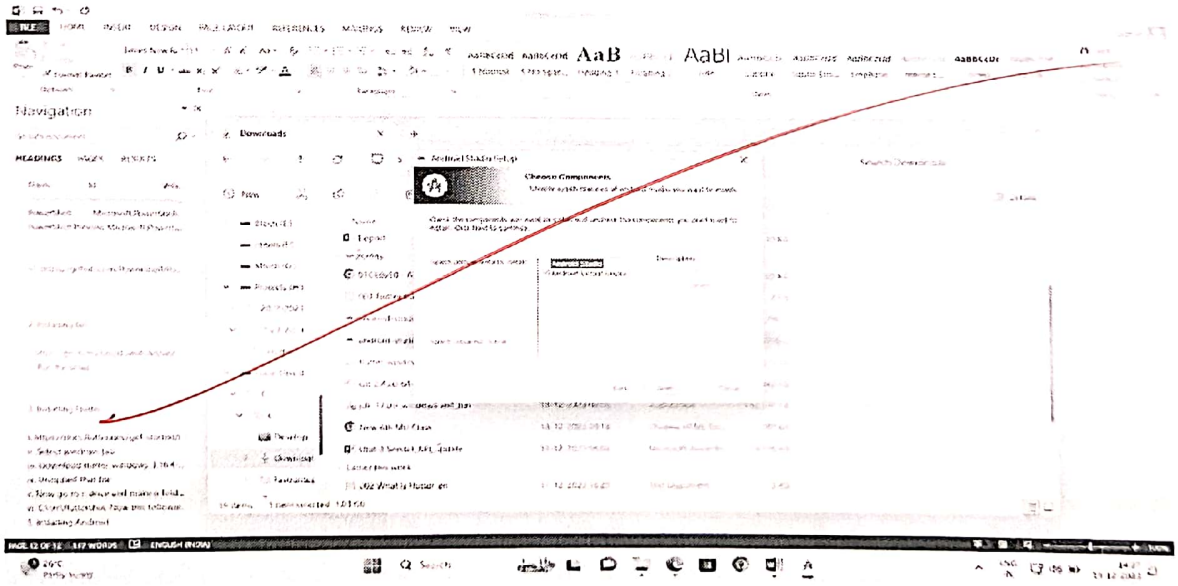
ii. **Run the Installer:**

- Once the download is complete, run the installer executable(.exe)file.

iii. **Follow Installation Wizard:**





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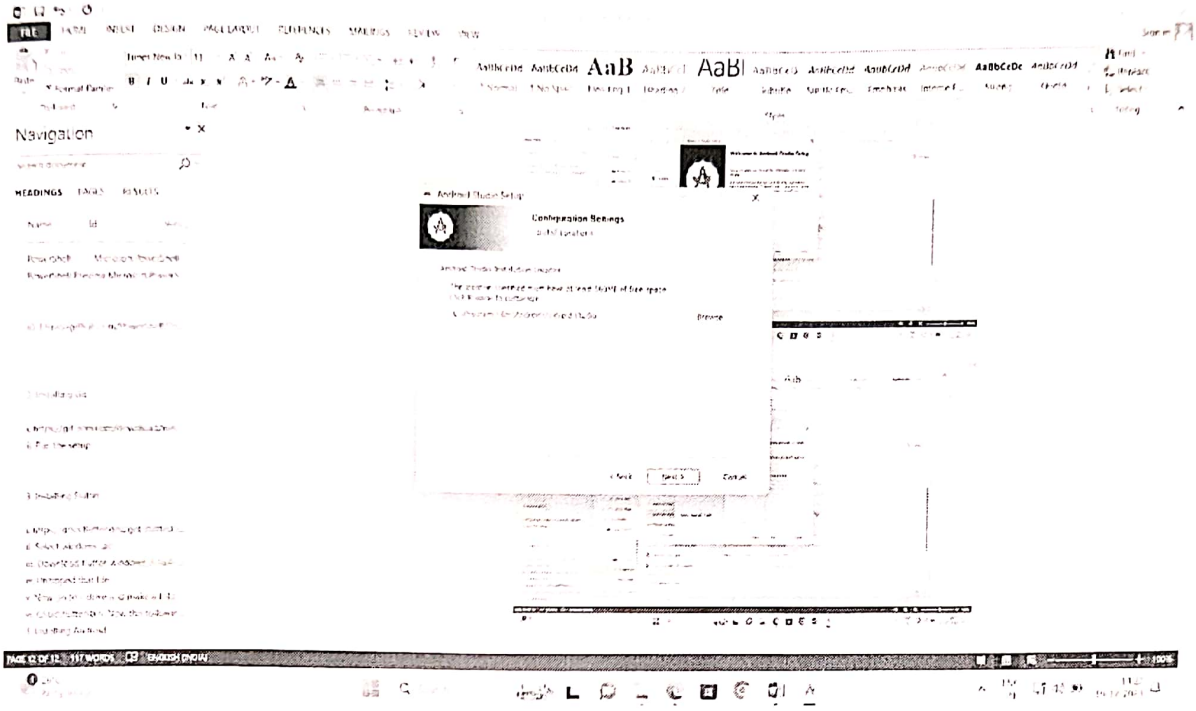

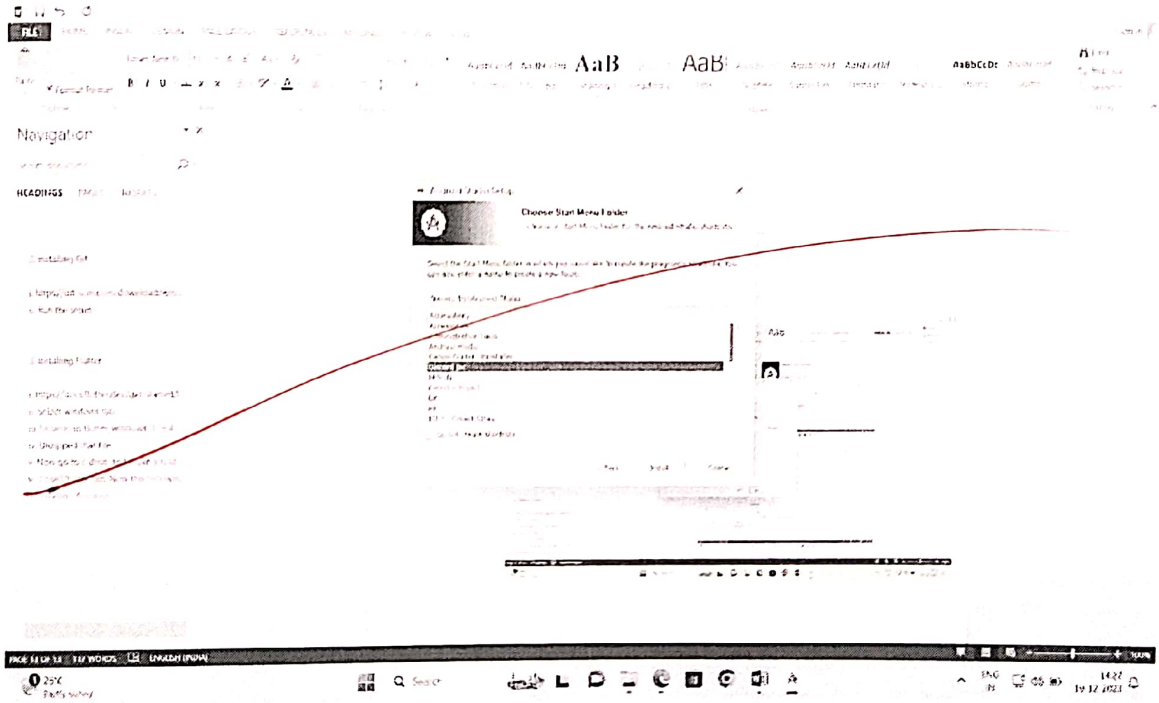

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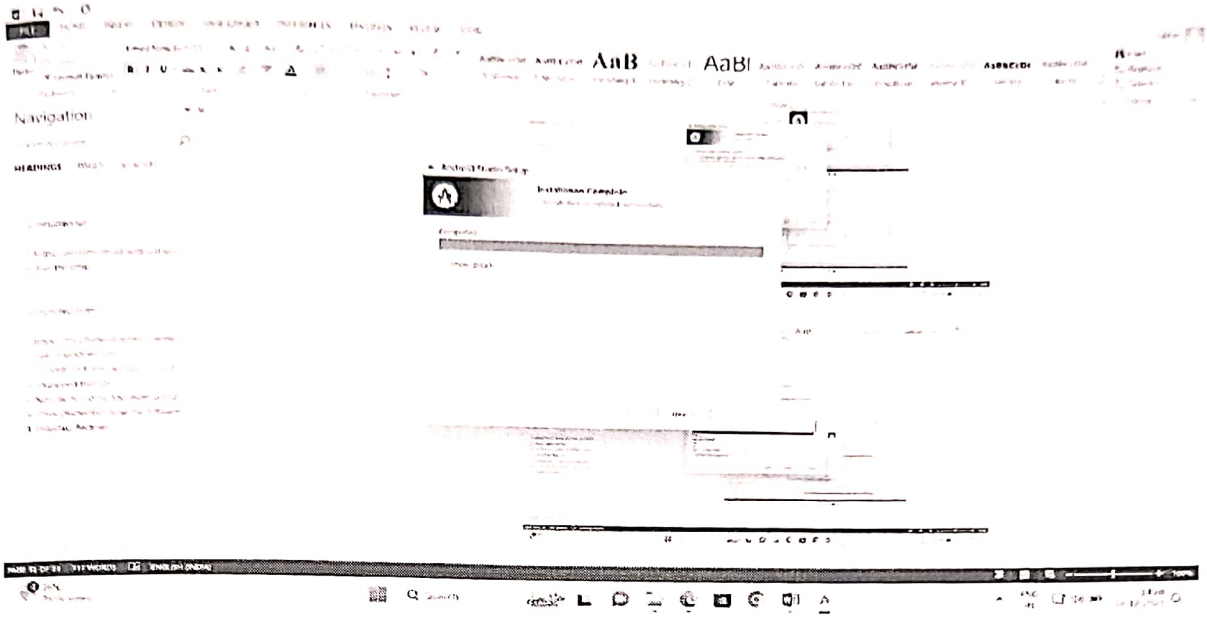

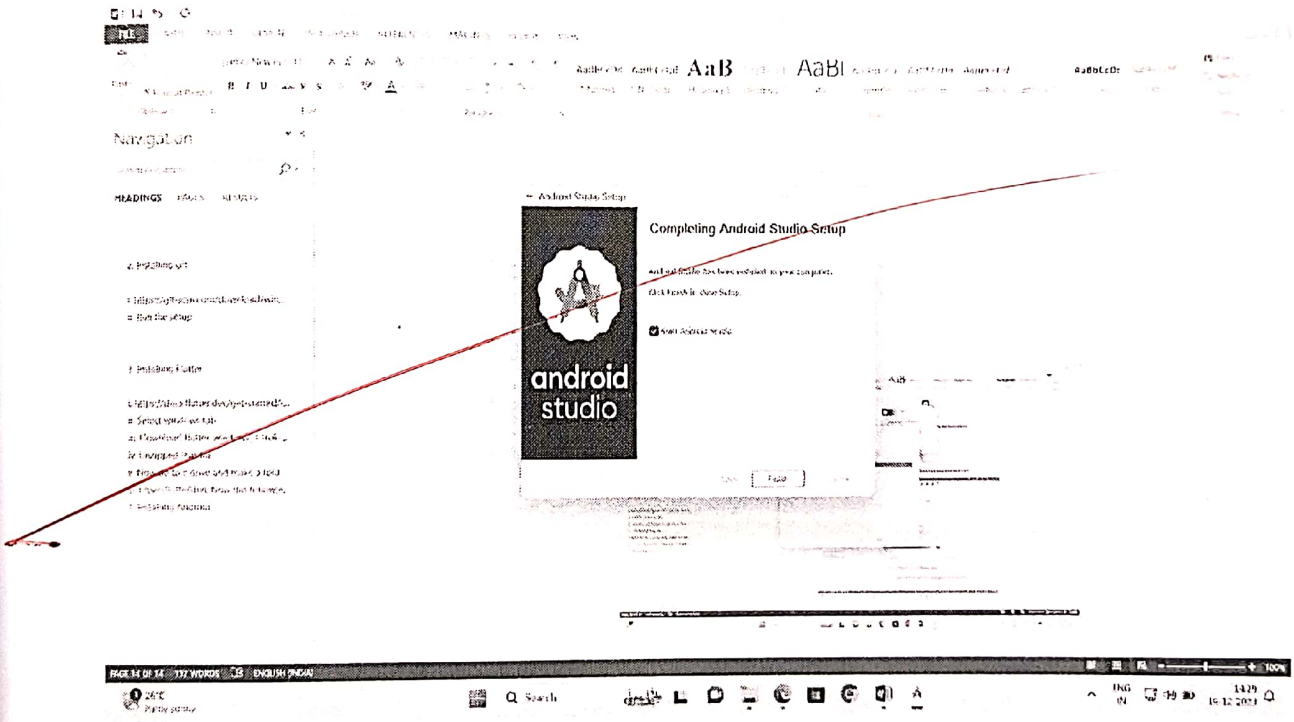

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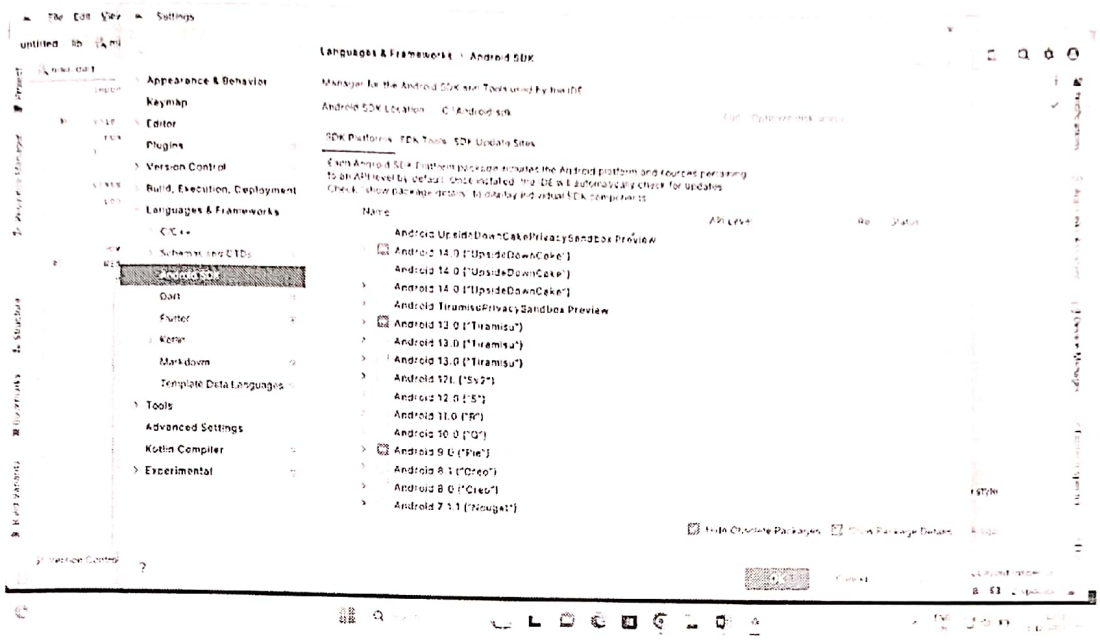
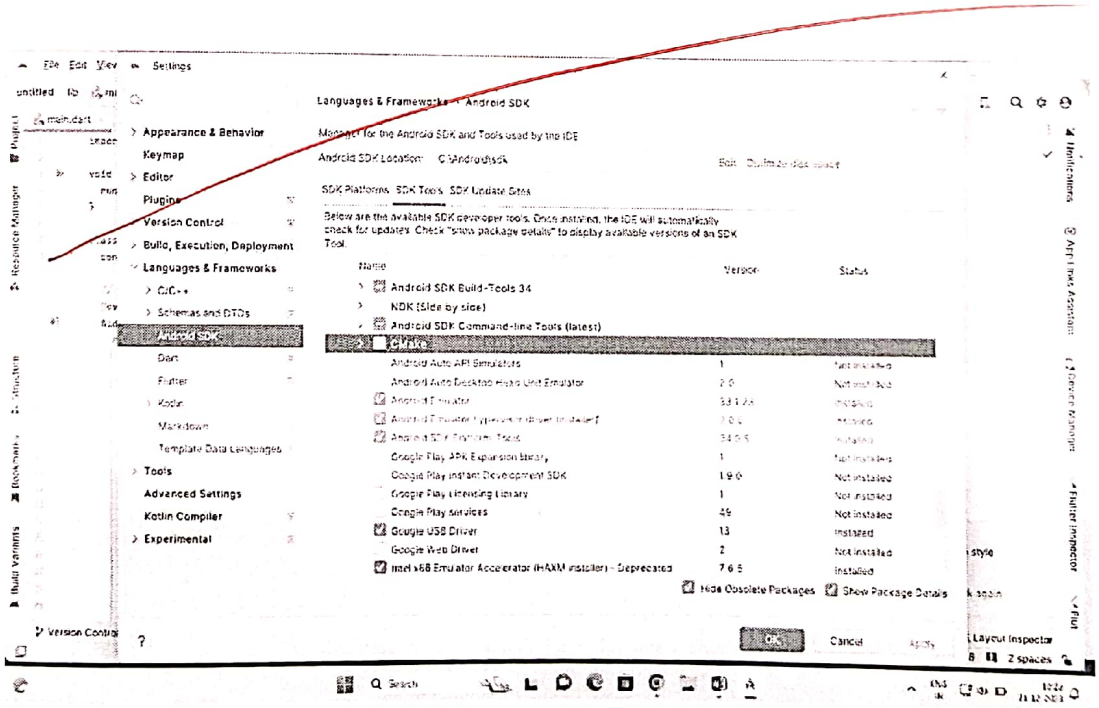
- **Android SDK Platforms:**



- **Android SDK Tools:**



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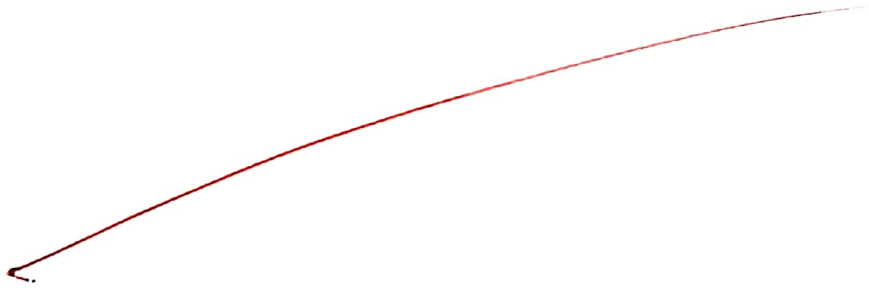
- **Step3: Run Following Command for checking Flutter dependencies after installation of android.**

iv. **Accept Android Licenses**

- Flutter doctor --android-licenses to develop for Android, you need to accept the Android licenses.
- Run the following command: **flutter doctor --android-licenses**



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