Build an APK Locally (Permanent Installation)

- If you want to **install the app permanently without needing Metro Bundler**, follow these steps:
    - **Build the APK Locally**
        - Navigate to your project:
          ```
          cd android
          ```
        - Run the Gradle build command:
          ```
          ./gradlew assembleDebug
          ```
        - Once the build is complete, find the APK at:
          ```
          android/app/build/outputs/apk/debug/app-debug.apk
          ```
    - **Install the APK on Your Device**
        - Use ADB to install the APK via USB:
          ```
          adb install
          android/app/build/outputs/apk/debug/app-debug.apk
          ```
    - **Once the APK is installed on your device**, here's what you do next:
        1. Open the App
            a. Find your app in the app drawer or home screen.
            b. Tap it to launch and test it.
        2. Check for Issues
            a. If the app crashes or doesn't open, check **logcat** for errors:
               ```
               adb logcat *:E
               ```
        3. Disconnect from USB (App Should Still Work)
            a. If you installed the **debug APK**, it might still rely on the development server.
            b. If you installed a **release APK**, it should work independently.
        4. Make Changes & Update the App:
            a. If you need to update the app, follow these steps:
                i. Make changes to your code.
                ii. Rebuild the APK:
                    ```
                    cd android && ./gradlew assembleDebug
                    ```
                iii. Reinstall using:
                     ```
                     adb install -r
                     android/app/build/outputs/apk/debug/app-deb
                     ug.apk
                     ```