Steps:

1. Flutter SDK installation.

    Pre-requisite:

    a. Windows PowerShell 5.0 or newer (this is pre-installed with Windows 10)
    b. Git for Windows 2.x, with the Use Git from the Windows Command Prompt option.

    Step 1: Download flutter_windows_3.7.3-stable.zip or latest file from https://docs.flutter.dev/get-started/install/windows link.

    Step 2: Extract and save the entire folder C:\src\flutter directory. First manually create "src" folder in C:\\ drive.

    Step 3: Add "C:\src\flutter\bin" directory in as PATH in Edit environment variables for your account.

    Step 4: Download and install Android Studio. https://developer.android.com/studio.

    Step 5: Install Visual Studio 2022 or Visual Studio Build Tools 2022 if not done in the windows machine. Link: https://visualstudio.microsoft.com/downloads/

    Step 6: Java 8 installed and that your JAVA_HOME environment variable is set to the JDK's folder.

    Step 7: After installing above tool make sure licenses to compatible with Android SDK platform. Run "flutter doctor --android-licenses" command in windows command mode.

    Step 8: VS code installation. Link: https://code.visualstudio.com/

    Step 8: Run this command in "C:\src\flutter>flutter doctor" to check the proper installation done for the flutter setup.

    ```
    Command Prompt

    Microsoft Windows [Version 10.0.19045.2486]
    (c) Microsoft Corporation. All rights reserved.

    C:\Users\rakib>flutter doctor
    Doctor summary (to see all details, run flutter doctor -v):
    [v] Flutter (Channel stable, 3.3.10, on Microsoft Windows [Version 10.0.19045.2486], locale en-US)
    [v] Android toolchain - develop for Android devices (Android SDK version 33.0.0)
    [v] Chrome - develop for the web
    [v] Visual Studio - develop for Windows (Visual Studio Community 2022 17.3.4)
    [v] Android Studio (version 2021.3)
    [v] VS Code (version 1.75.1)
    [v] Connected device (3 available)
    [v] HTTP Host Availability

    • No issues found!
    ```

    Reference Link:
    Official Flutter Guide: https://docs.flutter.dev/get-started/install/windows
    Flutter Installation Guideline: https://www.youtube.com/watch?v=8saLa5fh0ZI

2. Mobile App Installation:

Step 1: Setup an android phone.

   i. Enable **Developer options** and **USB debugging**. Link:
      https://developer.android.com/studio/debug/dev-options
   ii. Using a USB cable, plug your phone into your computer.

Step 2: Download the application code zip file from github repository.
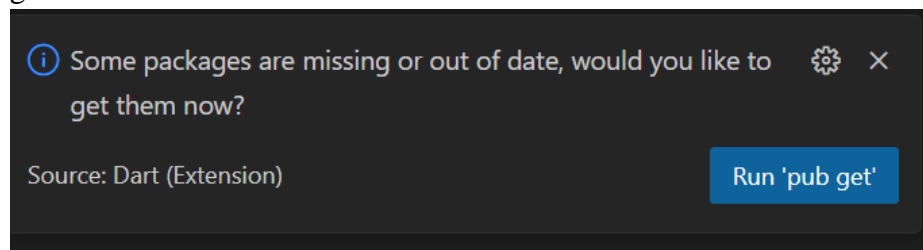https://github.com/rakibulahasanratul/AMI_version_2023. Unzip the code file at
your desire directory.

Step 3: VS studio:

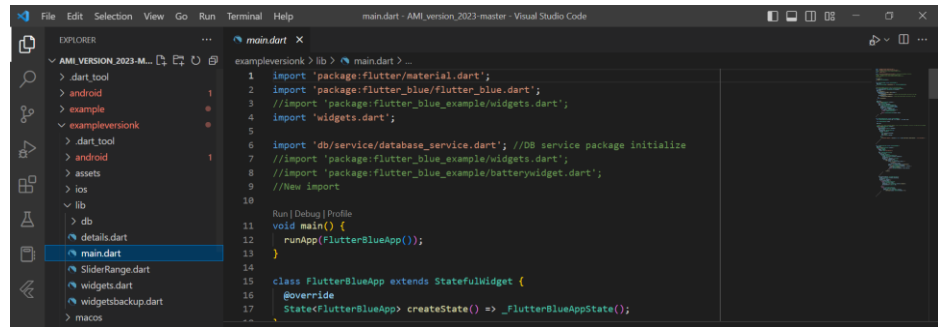   1. If phone setup is perfectly done the VS studio detects the android
      phone.
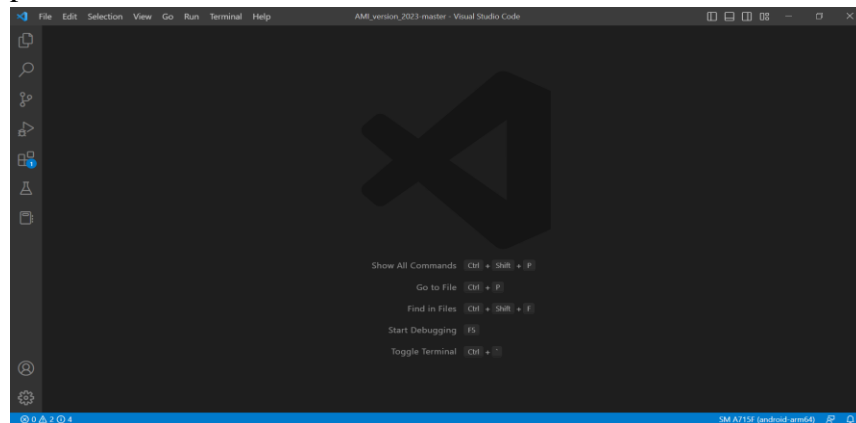
   2. Load the entire code folder in VS code from "File>Open Folder".
      Below message will pop up after loading the code file. Click Run pub
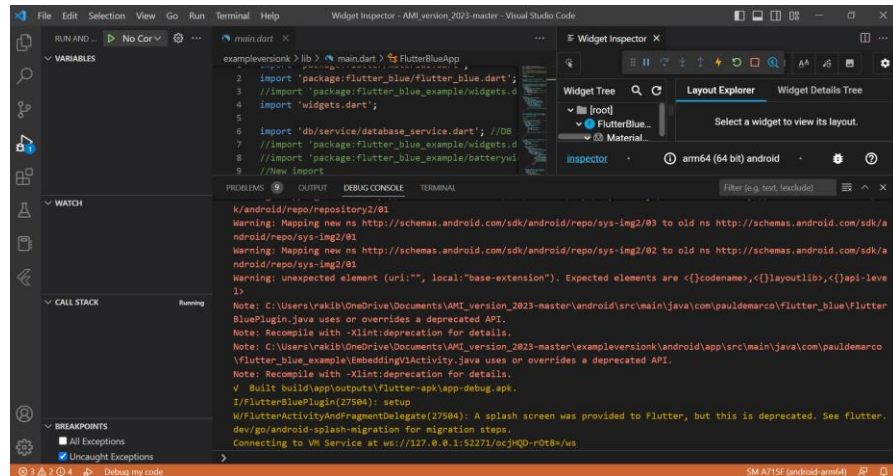   get".

   3. It will remove all the error. If not go to Terminal>New Terminal, type
      "flutter pub get" and run.

4. Open the /~~/AMI_version_2023-master\exampleversionk\lib\main.dart from VS code file explorer.

5. Click Run>Start Debugging. It will prompt the debug console in the VS code and app code will started to load in the connected android mobile phone.

6. App is installed in phone.