

Mi-Band-Reminder

NSE

Development Environment Manual (for Windows 32-bit)

1. Make sure you have Java and JDK (Java SE Development Kit) installed. If not, you can download the latest versions from the Oracle website at <https://www.oracle.com/downloads/index.html>.
2. Download Android Studio (<https://developer.android.com/studio/index.html>) and install it.
3. Open Android Studio and select Configure at the lower right part of the window, then select SDK Manager.
4. Open the SDK Tools tab and make sure that Android Emulator and Intel x86 Emulator Accelerator are installed (if not, you can check their boxes and click Apply to install them).  
\*If Intel VT-x is disabled, you need to enable it within your firmware settings.
5. Open a new project (There will be a setup; select the default values for now).  
\*You may also choose to checkout a project from version control if you wish to help in developing an ongoing Android Studio project, like Mi-Band-Reminder (from our GitHub repository).
6. After everything has loaded, go to the menu bar and select Tools > Android > AVD Manager.
7. Choose to Create a Virtual Device and then select the type of device you want to emulate for testing. Important: it is recommended that you clone a device instead of using it directly so as not to change the default values. After creating and customizing your device, you should now see it appear in the AVD Manager. Select the green Play button on the right side of the description to run it.
8. With the Android Studio and Emulator now running, the development environment is now set up. You can now program your project/application using the Android Studio IDE as well as test it when you run it using the emulator.