

## INTRODUCTION:

Welcome to Android development! For us to get started, we shall use Windows for our projects in this cohort.

### Step 1: Set Up Your Development Environment

#### 1. Install Android Studio:

- Download and install the latest version of Android Studio using the JetBrains ToolBox app.

<https://www.jetbrains.com/toolbox-app>

#### 2. Install the Android SDK Components

##### 1. Open the SDK Manager:

- Once Android Studio is open, go to **File -> Settings** (or **Android Studio -> Preferences** on macOS).
- Navigate to **Appearance & Behavior -> System Settings -> Android SDK**.

##### 2. Select SDK Platforms:

- In the **SDK Platforms** tab, check the box for the Android version you want to target (usually the latest stable version).
- Click **Apply** to download and install the selected SDK platform.

##### 3. Select SDK Tools:

- Switch to the **SDK Tools** tab.
- Check the boxes for the following tools:
  - Android SDK Build-Tools
  - Android Emulator
  - Android SDK Platform-Tools
  - Android SDK Tools
  - Intel x86 Emulator Accelerator (HAXM installer) (for Intel-based systems)
- Click **Apply** to download and install the selected tools.

#### 3. Set up Android Studio:

- Open Android Studio and follow the setup wizard to configure your development environment.
- Create a new project by selecting "New Project" and choosing "Empty Compose Activity" as the template.

To get started with building your first app, please check out this tutorial [Here](#).

In the next tutorial, we shall learn the basic concepts of using the Kotlin language to build our apps.