**Code (Android App for HAR)**

* Done using Android Studio (Framework = Flutter; Language = Dart)
* Packages used 🡪 Activity Recognition and Permission Handler
* Execute Code

1. Open the file using Android Studio
2. Connect Android Device using the cable and allow debugging
3. Run the app
4. NOTE: - If it shows to close app or wait, kindly select wait. Yet still the app doesn’t run disconnect the cable and run the app from phone installed apk. / Rerun app in Android studio

**Code (TensorFlow for HAR with LSTM)**

* Done using Google Colab
* Packages used 🡪 TensorFlow, Pandas, Numpy, Pickle, Matplot.pyplot, Scipy, Seaborn, Pylan, sklearn and also importing specifics like rcParams, metrics
* Execute Code

1. Run the Human\_Activity\_Recognition.ipynb in Google Colab
2. For importing dataset, use Data Folder (WISDM\_ar\_v1.1\_rw.txt)
3. To write graph we use har.pbtxt we can found it in Checkpoint folder
4. From history.p and predictions.p we get the graphs later on.