**Connecting the devices or wearables to the Google Fit:**

***MainActivity.java***

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState);

//Create the Google API Client

mClient = new GoogleApiClient.Builder(this)

//select the Fitness API

.addApi(Fitness.API)

//specify the scopes of access

.addScope(FitnessScopes.SCOPE\_ACTIVITY\_READ)

.addScope(FitnessScopes.SCOPE\_BODY\_READ\_WRITE)

// provide callbacks

.addConnectionCallbacks(this)

.addOnConnectionFailedListener(this)

.build();

…

}

@Override

Public void onConnected(Bundle bundle)

{

Log.i(TAG, “Connected!”);

//Now you can make calls to the Fitness APIs

invokeFitnessAPIs();

}

**Adding Sensors API**

SensorRequest req = new SensorRequest.Builder().setDataType(dataTypes.STEP\_COUNT\_DELTA0.setsamplingRate(1, TimeUnit.SECONDS).build();

PendingResult<Status> regResult = Fitness.SensorsApi.register(client, req, listener);

regResult.setResultCallback(resultCallback);

**Listener**

DataSourceListener listener = new DataSourceListener()

{

@override

Public void onEvent(DataPoint datapoint)

{

for (DatType.Field field : dataPoint.getDataType().getFields())

{

Value val = dataPoint.getValue(field);

//Use the data…

}

}

};

**Unregistering the Listener**

PendingResult<Status> pendingResult =Fitness.SensorsApi.unregister(client, listener);

pendingResult.setResultCallback(resultCallback);