# LESSON 3 & 4 – Assignments

**START** �»

# *Rule of assignments*

- Your source code must follow the rules at
  https://source.android.com/source/code-style.html, especially
  Naming Conventions and Javadoc Standard Comments.

# *Lesson 3 & 4 – Exercise 1*

- Write an Android app which has only:
  - Five buttons which have the same size, and are placed vertically at the center of the screen. In which:
    - Button 1 has a rounded corner background.
    - Button 2 has an icon at its right side.
    - Button 3 has blue color and green background
    - Button 4 has yellow background color at normal state, blue color at pressed state and grey color at disabled state.
    - Button 5 is the same with button 4, but it is disabled as default.

# *Lesson 3 & 4 – Exercise 2*

- Write an Android app which has:

  - A linear layout which display all the name of student in [Techkids Gen 1 & Gen 2] in horizontal and this list is scrollable.

  - A relative layout which display all the name all the name of student in [Techkids Gen 1 & Gen 2] in vertical and this list is scrollable. This relative layout is displayed under above linear layout.

  - Note: each student name is displayed in a TextView.

# Lesson 3 & 4 – Exercise 3

- Write an Android app which has:

  - A ImageView to display this online image:

    - http://www.androidcentral.com/sites/androidcentral.com/files/postimages/684/podcast_featured_3.jpg

  - You should NOT download this image and put it in /assets or /res folder. Image must be downloaded while app is running.

  - You would get a **bonus score** if you can display downloading progress in a ProgressBar.

# Lesson 3 & 4 – Exercise 4

- Write an Android app which has:

    - A ImageView which displays a water pots.

    - And another ImageView which displays a fish at the center of above water pots.