TASK GUIDE (A1.06)

A. Objectives.
Students know how to make CheckBox.

B. Requirements.
Hardware:
- 2 GB RAM minimum, 8 GB RAM recommended
- 2 GB of available disk space minimum, 4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution
- Intel processor with support for Intel VT-x, Intel EM64T (Intel 64), and Execute Disable (XD) Bit functionality Software:
- Microsoft Windows 7/8/10 (32-bit or 64-bit)
- JDK 8
- Android Studio IDE

C.

Resources.
Documents:
- Guide

Supplement files:
- None

Test code:
- TestA1BasicUIKT061.java

D. Task Description.
Student start to design the interface with specified requirement and test it.

E. Specification.

1. Open BasicApp project that already test passed.

2. Open activity_main.xml file, to start UI design.

3. Under LinearLayout "child1", create a LinearLayout with id "child2" refer on the specification below.

name	value
id	child2
layout width	match parent
layout height	wrap_content

name	value
orientation	horizontal
layout below	child1
top margin	5pt

4. In the "child2" tag, add a CheckBox with id "chkRounded" refer on specification below.

name	value
id	chkRounded
layout width	wrap_content
layout height	wrap_content
text	@string/chkRound
text size	8pt
gravity	center
checked	true

5. Under checkbox "chkRounded", add a CheckBox with id "chkFormula" refer on specification document.

| name	value
id	chkFormula
layout width	wrap_content
layout height	wrap_content
text	@string/chkForm
text size	8pt
gravity	center

6. The result like below.

7. Copy "TestA1BasicUIKT061.java" file to "org.aplas.basicapp (test)" folder
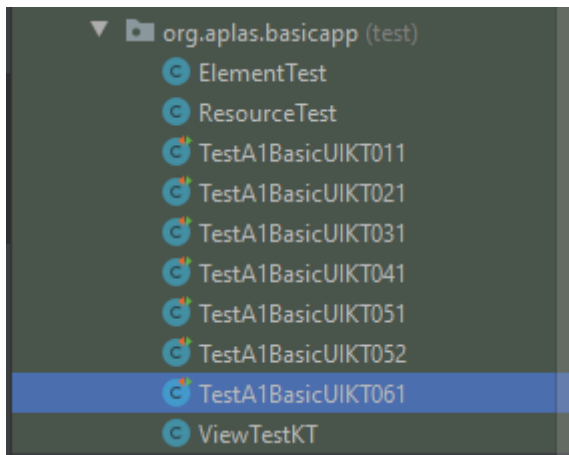
8. Right click on the "TestA1BasicUIKT061.java" file then choose Run 'TestA1BasicUIKT061' and click it. It may take long time to execute.

9. Get the result of your task. If passed you will get green check like below. If the test failed, you will get orange check get the messages and you must start your project again.
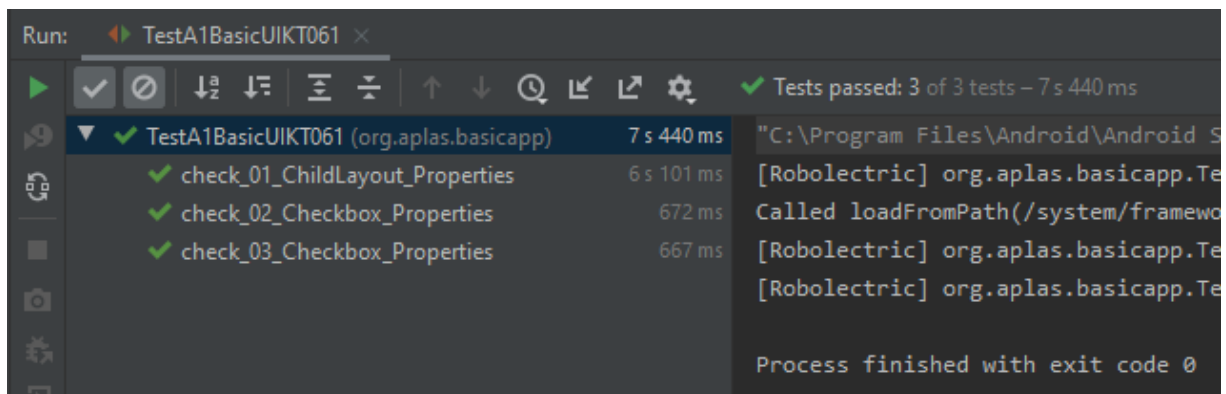
F. Testing.

You have to try until get all green checkes and continue to the next task.