

TASK GUIDE (C1.04)

A. Objectives.

Student will start to design the Show Data Layout.

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 (Minimum 3.2) with AndroidX library.

C. Resources.

Documents:

- Guide

Supplement files:

Test code:

- TestC1MyLibrary041.java

D. Task Description.

Student start to modify the show data layout.

E. Specification.

1. Create an empty activity with name "Show Data Activity"
2. Open "activity_show_data.xml" in layout resource folder. Change the root layout become "LinearLayout" and give id "showLayout" and orientation "vertical".
3. Add a **Spinner** with this information:
 - Id : "spBook"
 - Style : bold and italic

4. Add a text in a **TextView** with this information:

id
txtbook
txtTitle
txtType
txtYear

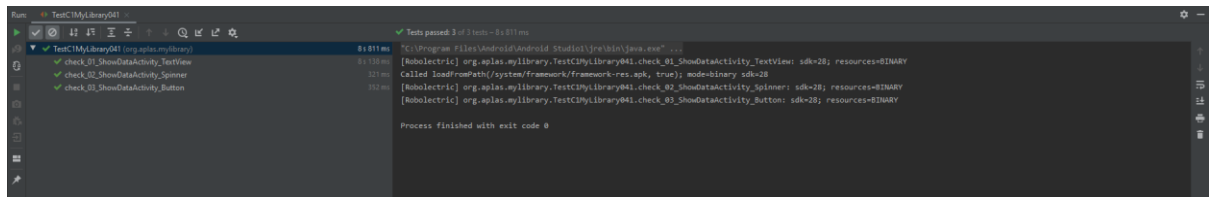
5. Add 4 buttons with information:

Id	Text	Background
btnEditData	Edit Data	#FFEB3B
btnDelData	Delete Data	#F44336
btnAddData	Add New Book	lightBlue(color)
btnLogout	Logout	btn_logout (drawable)

6. Add a text in **TextView** with this information:
 - Id : "txtProfile"
 - Style : italic
 - Gravity : center

F. Testing.

1. Copy "TestC1MyLibrary041.java" file to "org.aplas.mydata (test)" folder.
2. Right click on the "TestC1MyLibrary041.java" file then choose Run. It may take long time to execute.
3. 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 check your work again.



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

You can get the screen display like below when running this Activity. The style of layout depends on your layout design

