**Simple Android App**

**Understand the Problem**

We are now finished with our team activities.  This will be an individual assignment.  Each person in the class should turn in a different solution.

In order to use Android Studio, we need to install it and get help with the tools.  There is a good series of videos on YouTube that I linked to in the learning section above.

You watched the first 13 videos in a very long series.  These showed you how to get the phone emulator running and then how to create a custom AVD.

You learned how to place widgets on the interface in the MainActivity screen that were static.  You then saw some portions on how to make them relative from scratch using Java.

If you get the error while launching the phone emulator:

ERROR: x86 emulation currently requires hardware acceleration!

Use this link to help you fix it:    https://www.thenewboston.com/forum/topic.php?id=9357

Other bug fixes are available on his site as well.

**Phase 1: Design and create a simple Android App**

1. This is the only phase for this module (yea!)
2. Watch the videos and create all that he does.
3. Create your own interface that would have the user checkoff which classes they have completed so far in the CSUMB online degree completion degree.
4. List all of the classes in the sequence, using text boxes, and add a check box next to each.
5. Extract each of your text boxes to become string resources.
6. Be sure to have a header across the top.  If you can figure out how to include the CSUMB icon, all the better.
7. At the bottom put a submit button that is relative and uses Java code to display it in the onCreate() method, as shown in the videos.
8. Change the background color and the color of the text in the boxes.
9. Be sure to tell me (in the text box) what the requirements are for me to run it in terms of the custom AVD.

**Submission**

* Two files.
* First, zip up the folder that was created from the Android App and submit it.
* Second, I would like for you to create a screen shot of your AVD running and include that file for me to see.
* This is an individual assignment.

**Assignment 7 Instructions**

*by*[*Robert Contreras*](https://ilearn.csumb.edu/user/view.php?id=869&course=406)*- Saturday, 17 October 2015, 11:11 AM*

Hello Professor,

I was wondering if you could help clear up some of steps I was a bit confused on:

**4. List all of the classes in the sequence, using text boxes, and add a check box next to each.**

Did you mean "Text Fields", and also is it necessary to add check boxes to them, or would we just need the check boxes with text and be done?

**5. Extract each of your text boxes to become string resources.**

Is there anything we need to do with the string resources?

**8. Change the background color and the color of the text in the boxes.**

Would we do this before or after the submit?

**9. Be sure to tell me (in the text box) what the requirements are for me to run it in terms of the custom AVD.**

Did you want these instructions inside the app or in the Assignment Submission box?

Thanks!

Robert

[Reply](https://ilearn.csumb.edu/mod/forum/post.php?reply=37233#mformforum)

[Picture of Jesse Cecil](https://ilearn.csumb.edu/user/view.php?id=18815&course=406)

**Re: Assignment 7 Instructions**

*by*[*Jesse Cecil*](https://ilearn.csumb.edu/user/view.php?id=18815&course=406)*- Saturday, 17 October 2015, 2:59 PM*

-I was thinking of a check box with a text field next to it, but a checkbox with text is fine too.

-No, nothing needs to be done with the resource, just make it one like in the video.

-Change the colors so the the user sees them when it loads, before the submit

-Just put the instructions in the Assignment submission box