

## A290/A590 Mini Assignment 1 + Just In Time Assignment 1

**JIT 1: DUE to JEFF VIA direct EMAIL [jwhitmer@cs.indiana.edu] by Sunday January 14, 2018 BY 10:00PM**

**MINI 1 DUE Sunday, January 14, 2018 BY 10:00PM to your Canvas "MINI 1" Assignment**

Please be sure to use *only* the **Microsoft Word format (.doc/.docx)** for your MINIs. Please do not use PDF or any other format.

### **MINI 1: (DUE to your Canvas "MINI 1" Assignment by 10PM on Sunday, January 14, 2018)**

Using your preferred search tool and search techniques, find at least three on-line entries (from three **different** sites or locations) about the following:

1. What are the basic features of the Android Operating System? What is it based upon? How is it different and/or alike other Operating Systems? This needs to be a very, very basic discussion, so you are looking for information about the "key features," not the deep, deep, technical details.
2. What is the relationship between Java and XML in the Android Development environment? Why are both present/used/important? Are there important "gotchas" everyone should be aware of?
3. What makes for good Android application design? We will be talking about design for several meetings, but I want you to go out and see if you can find any sort of consensus whatsoever on what makes a good Android application. Are there acknowledged "best practices?" If you need to qualify your answer based on "what kind of application," you can do so, but I would then like you to discuss several different "kinds" of applications and the best designs practices suggested for each.

**For EACH of these 3**, please write up the following and have it ready to submit by the assigned deadline:

1. List the 3 URIs you used as a result of your search.
2. Offer a 1 or 2 **paragraph** précis of the topic. Summarize what was said in what you read. Condense and clarify what was said in what you read, using the words and phrases of the author(s) in a very limited way, if needed. You are trying to state what the author(s) discussed in your own words. What did the author say or try to show was important?
3. Offer, **again in your own words**, a summary explanation of **what you think** the two or three **most important points** were in what you read.
4. **For JIT 1:** Ask your **one big question**. You may have many, but think carefully and ask the one you think is most important to help expand and deepen your understanding of this subject.

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Submit your 3 **big questions** (#4 from each of the 3 topics above) to me by email **from your official IU-assigned email account ONLY** by 10PM on the due date (1/14/2018).

Please send your JIT **as the body of a simple email message**. **Please do not send them as an attached file**. BE SURE to include **both** "JIT 1" AND "A290 Android" or "A590 Android" in your Subject line.

Remember, you need to do #1-4 above for each of the 3 topics and submit the electronic version for **MINI 1 to your "MINI 1" Assignment on Canvas**, and also send me the 3 questions by email for **JIT 1**.