

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

JIT 1 DUE Friday, October 21, 2016 BY 10:00PM to Jeff via email

MINI 1 DUE Friday, October 21, 2016 BY 10:00PM to your Canvas "MINI 1 Assignment"

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

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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. The "core" of .NET is the Common Language Runtime (CLR). Two of the primary components of the CLR are the CTS -- Common Type System and the CLS -- Common Language Specification. What is the CLR and what is its role in .NET? Why is it important to understand? What are the basics? What are the CTS and CLS all about? Why are they so crucial to the CLR?
2. .NET also makes use of a broad set of Base Class Libraries. Using our class discussion as a starting point, learn more and explain what a "class" is, as well as what a "library" is, if they are different. What are the basics? Then go further by learning what you can about the features of these libraries. It seems reasonable to assume they are unique to the .NET framework. If that is the case, how and why are they different?
3. Two of the most important or most used Base Class Libraries are ADO.NET and ASP.NET. What is contained in ADO.NET? What are the basics? What makes it such a commonly used library? What features, services, methods or other factors make it important? What is contained in ASP.NET? What are the basics? What makes it such a commonly used library? What features, services, methods or other factors make it important?

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

[BE SURE you submit your MINI either as an MS Word file or compatible file.]

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. **See the linked document on the Homework Page to learn more about what a précis is.**
3. Offer, in your own words, a summary explanation of what you think the one or two **most important points** were in what you read. This should take several sentences for each important point.
4. Ask your **one big question for each of these 3 as part of JIT 1**. You may have many, but think carefully and ask the one you think is most important to expanding and deepening your understanding of this subject.

JIT 1: (DUE to JEFF VIA EMAIL [jwhitmer@cs.indiana.edu] by 10:00PM on Friday, October 21, 2016)

Submit your 3 **big questions** (one for each of the 3 topics above) by email before 10pm on the due date (10/21/2016).

Please send your JIT **as the body of a simple email message**. Please **do not** send them as an attached file. BE SURE to put "JIT 1" and "A290" **or** "A590" in the subject line.

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