A290/A590
Tools for Computing/Topics in Programming
System Programming with C and Unix.

A290/A590 Mini Assignment 2 + Just In Time Assignment 2

JIT 2: DUE to JEFF VIA DIRECT EMAIL [jwhitmer@iu.edu] by Sunday, September 7, 2025 BY 10:00PM
MINI 2: DUE Sunday, September 7, 2025 BY 10:00PM SHARP to your Canvas "MINI 2" 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.

MINI 2: DUE Sunday, September 7, 2025 BY 10:00PM SHARP to your Canvas "MINI 2" Assignment

Using your preferred search tool and search techniques, find at least **three (3)** on-line entries (from three **different** sites or locations) for the **first topic**, and **two (2)** on-line entries (from two different sites or locations for the **second and third topics**. Read the following carefully before you begin.

1. **Strongly-typed versus weakly-typed programming languages:** What is the difference? How does this apply to C as a programming language, i.e., which is it? What should we care?

For the remaining two topics, Review **Chapter 3** from **Hoover, System Programming with C and Unix**, focusing on where the author discusses **arrays** and **strings. USE HOOVER** as your **first** of **three** sources for the **next two topics**.

2. **Arrays:** What are they? What do they do? Why are they important? When/Why should we use them?

3. **Strings in C:** What are they? What do they do? How do we create them? Are there special commands for strings? When/Why should we use them?

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

1. For #2 and #3, read what **Hoover** wrote about this subject in Chapter 3.
2. For #2 and #3, list the 2 URIs you used as a result of your search, in addition to the relevant parts of Chapter 3.
3. For #1, list the 3 URIs you used as a result of your search.
4. Offer a 1 or 2 **paragraph** précis of the topic from your three URIs (topic #1) or from Hoover **PLUS** your two (2) URIs (topics #2 and #3). Condense what was said in what you read, **using only your own words, excluding technical vocabulary, which everyone uses.**
5. Offer, in your own words, a summary explanation of what you think the one or two **most important points** were in **all the resources** you read.
6. **For JIT 2:** 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** (#6 from each of the 3 topics above) to me by email **ONLY from your official IU-assigned email account** by 10PM on the due date (9/7/2025).

Please send your JIT **as the body of a simple, plain text, direct email message**. Please **do not** send them as an attached file. **PLEASE BE SURE** to include **both** "**JIT 2**" and "**A290 C/Unix**" or "**A590 C/Unix**" in the **"Subject:"** line of your email.

Remember, you need to do #1-6 above for each of the 3 topics and submit the electronic version for **MINI 2 to your Canvas "MINI 2" Assignment**, **and** also send me the 3 questions by direct email for **JIT 2**.