

Group Members:

COT 3100 - Group Write Up 1

Group Section: 18

Group Number: 3

Meeting on Thursday 9/12/19 at 10:00 AM in Engineering Atrium

Outline:

- Reviewed Homework #1 and compared problem solving strategies
- Practiced additional problems from the course website
- Prepared for possible questions on Chapter 1 Quiz the next week
- Established a meeting schedule

Summary:

For our first Group Meeting we met after class to discuss our solutions for Homework #1. Overall our answers were pretty similar, but for problems 1 and 2 we had some differences. In problem 1 we all had a basic understanding of how it's done, but we made simple mistakes when keeping track of the operations. For problem 2 we had similar approaches, but we skipped some steps that led to a different outcome.

After we discussed the homework and had a solid understanding of how it's done, we practiced some exercises from the course website to check our problem solving skills in order to prepare for the Chapter 1 Quiz. We all agreed to meet at 10:00 am in two weeks to practice more problems for Exam #1, and make sure everybody is on the same page and free of any doubts.

Meeting on Thursday 9/26/19 at 10:00 AM in Engineering Atrium

Outline:

- Quickly reviewed Homework #2
- Practiced exam questions from the course website for Exam #1

Summary:

We convened in the atrium around 10:00 AM in order to discuss our answers for Homework #2 and to use both the homework and practice questions to prepare for Exam #1. It seemed that some of us had some different ideas on how to approach some of the problems outlined in the homework and lead to some of us having different answers. After a bit of trial and error, everyone generally had a fair understanding of how to identify key points of the problems and how to approach their solution.

Referencing some of the previous year exams for the course along with some notes, we were able to go about preparing for Exam #1 with a particular focus on laws of logic, inference and set theory being as they were the most straight forward. We worked through a few examples of proofs as well before making our way to class after determining our next meeting time.

Meeting on Thursday 10/3/19 at 10:00 AM in Engineering Atrium

Outline:

- Discussed our performance on Chapter 4 Quiz, and how to maintain and improve
- Reviewed Homework #3
- Resolved questions about Homework #4

Summary:

In our discussion of the Chapter 4 Quiz we all came to a consensus that the problem that dealt with finding the inverse mod was the one which we found the most difficult. We found our mistake after reviewing the notes and referencing the class textbook. We hadn't realized that mod could be applied on the last part of the extended Euclidean algorithm to find a coefficient which is congruent to the mod of desired inverse number. After going over a few practice problems and helping the members which didn't fully understand the concept we came to a point of satisfaction and thus moved on to discuss Homework #3.

We found this homework to be very manageable and aside from the few ambiguous details in some of the problems which needed to be made clear we felt good in our ability to solve such problems. The only problem which proved to be troublesome was the 6th problem which dealt with proving divisibility, we had all managed to solve it but at a long and tedious cost. After trying to find some method of finding the desired coefficients we discovered some ways through logic to come closer to a solution.

Finally, we used the last minutes of our meeting to find resources useful to solving Homework #4. We identified which sections of the notes corresponded to which parts of the homework and proceeded to discuss and understand said sections of the notes. We also found some previous material relevant to the problems along with some helpful sections of the textbook. And so we agreed to meet again in the future and discuss our experience with working the homework out.