

**Homework Cover page. Must be Completed, Signed  
and Added to the Front of Your Submittal**

CS 2200

Discrete Structures and Their Algorithms

Fall 2023

**Homework # 1**

**Last Name (print) Schmitz**

**First Name (print) Josiah**

**Due Date: Thursday, Sept. 7<sup>th</sup> at 11:59pm**

I certify that the work attached is the result of my own study efforts. I understand that I may discuss problems with others, but this document was not copied or obtained from online or other non-approved sources.

  
(Student Signature)

### **Homework Policy**

**Always explain your answers.** This is an important part of every HW assignment. Late homework has a 20% penalty and homework turned later than 11:59 pm the day it is due will have a late penalty. A turn in later than one day will receive a grade of zero. HW solutions obtained from other students or online is considered a violation of academic integrity. Ask the Instructor if you have academic integrity concerns about the solutions you are turning in.

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HW 01  
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**Points:        5 points**

**Reference:    Epp5 Sections 1.1, 1.2, and 1.3**

**Textbook Problems:**    Notation: Chapter.Section.Problem / Page

1. Epp5 problem 1.2.9 c, d, e, g / p14.
2. Epp5 problem 1.2.12 / p15.
3. Epp5 problem 1.2.14 / p15.
4. Epp5 problem 1.3.6 a, b, also **draw the arrow diagram** / p22.
5. Epp5 problem 1.3.15 c, d, e / p23.