CSE 235   Homework 01   Spring 2013

Due: Friday, January 18, 2013

Name 1 (Print) ———————————————   **CSE Login** ———————————

Name 2 (Print) ———————————————   **CSE Login** ———————————

Problem	Page	Points	Score
1.1: #2	12	3	
1.1 :#14	13	3	
1.1 :#18	14	2	
1.1 :#38	15	4	
A	-	8	
Total		20	

Problem A: This exercise is to encourage you to get quickly started with LaTeX.

Generate a LaTeX file and the corresponding PDF file with the entire content of *Example 11* from your textbook and its solution (found on page 10). As you work on writing the file, please note:

 (a) You will have to use the mathematical environment of LaTeX to create mathematical symbols such as the ones for the logical operands AND and OR. This problem will give you a good practice with typesetting mathematical symbols in LaTeX.

 (b) The spacing does not have to be exactly as shown as in the example, but attempt to match it as best you can.

 (c) You will also have to use the tabular environment to create *Table 7* in this example.

 (d) You can refer to the example files shown in the recitation for help: they are posted on the course's web-site.

Instructions   Follow instructions *carefully*, failure to do so may result in points being deducted.

 • The homework can be submitted on paper or via handin. Homework *neatly* formatted in LaTeXwill receive a 10 percent bonus. You will not receive the bonus points if you work with a partner (see below).

 • Clearly label each problem and submit answers *in order*.

- Staple this cover page to the front of your assignment for easier grading.

- Late submissions *will not be accepted*

- When you are asked to prove something, you must give a formal, rigorous, and complete a proof as possible. Each step in your proof must contain explanation that would allow us to understand what theorem/logic you have applied to arrive at that step.

- You are to work individually, and all work should be your own. Check partner policy below.

- The CSE academic dishonesty policy is in effect (see http://cse.unl.edu/ugrad/resources/academic_integrity.php).

Partner Policy You may work in pairs, but you must follow these guidelines:

1. You must work *all* problems *together*. You may not simply partition the work between you.

2. You must use LaTeX and you may divide the typing duties however you wish.

3. You may not discuss the problems with other groups or individuals.

4. Hand in only one hard copy with both author's names.