

22C: 019 Homework 1

Total Points= 40(4% of your grade)

Assigned 9/9/11 due 9/16/11 11:59:59 PM

Submit your work through ICON

Solve the following problems (from the **7th Edition** of your textbook). Please note that we will grade **only eight** of these problems. This subset will be chosen arbitrarily, and will be the same for every student.

(Page 53) 8(a) (d), 10(c) (d), 12(d) (f), 16(c) (d)

(Page 54) 24(a) (c)

(Page 67) 20 (b) (c), 32 (a) (b)

(Page 91) 8, 24

(Page 136) 4 (a) (d)

Note 1. You can type the symbols \wedge \vee \neg \rightarrow \leftrightarrow \exists \forall using *Insert Symbol* in Microsoft Word.

Note 2. *At the end of the textbook, you can find the solutions to odd numbered exercises. These will help you in answering the exercises in this homework.*

Note 3. Homework solutions must be your own. You can discuss a problem with another student for the sake of understanding it, but do not discuss your solution. Take the help of the TAs whenever necessary.