

Assignment 1 CS 4071 Spring 2018

Due Monday, January 29 at the beginning of the class

*This assignment covers material from Chapters 1 and 2 of the textbook. It is to be done in groups (see Group Assignments in Course Documents on Blackboard for members of your group and their e-mails). It is expected that all members of the group will work on **all** problems **individually**, then get together to discuss and compare solutions and write up **best** answers for submission. Each group will then submit their solutions (ONE submission per group) at the beginning of the class on the due date, including a **cover sheet** with **the group number and a list of group members**. The cover sheet and the sheets with the solutions must be **stapled** together with the questions **in order**. Keep a copy for your record.*

1. [16pts] Page 22, Exercise 1.1.
2. [16pts] Page 22, Exercise 1.8.
3. [10pts] Page 22, Exercise 1.9
4. Page 23, Exercise 1.17
 - a) [8pts] Parenthesize to illustrate action.
 - b) [2pts] Show action for $x = 7$.
5. [12pts] Page 68, Exercise 2.13.
6. [12pts] Page 68, Exercise 2.16
7. [12pts] Page 71, Exercise 2.30

More challenging (hint will be given in class)

8. [12pts] Page 24, Exercise 1.19