CSC 421
Fall, 2011
Assignment 4
Due: 11:59pm CT, Friday, October 21st

The numbered problems and exercises are in the textbook. Problem $n-k$ is the $k^{th}$ problem at the end of chapter $n$. Exercise $n.m-k$ is the $k^{th}$ exercise at the end of section $n.m$.

Exercise 7.2-1 (15 points)
Exercise 7.2-2 (5 points)
Exercise 7.2-4 (5 points)

Exercise 7.4-5 (25 points) Implement the quick sort described in this exercise. Don’t answer the questions mentioned in the exercise except for the last one asking how one should select $k$.

Exercise 15.1-2 (15 points)

Program BUCR (30 points) Implement the BOTTOM-UP-CUT-ROD algorithm in the language of your choice. Write code to test it.