

Illinois Institute of Technology
Department of Computer Science

Homework Assignment 2

CS 535 Design and Analysis of Algorithms
Fall Semester, 2015

Rules for Homework

Remember, the rules listed on the first homework assignment apply to all assignments.

Due: Thursday, September 10, 2015

1. Problem 7 on pages 10–11 of Erickson’s notes.
2. Problem 35-1, excluding parts (a) and (e), on page 1134 of CLRS3.
3. **Extra Credit** Do part (e) of 35-1: Prove that $(\text{first-fit cost})/(\text{optimal cost}) \leq 2$.