Institut for Matematik og Datalogi
Syddansk Universitet

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JFB

Introduction to Computer Science
E14 – Discussion Sections – Week 40

- Pages 196–197: Problem 13, 16, 18, 25, 28.
- How easy is it to control which cookies are placed are on your computer?
- Page 217: Problems 1, 2, 3.
- Page 227: Problem 5, 6, 7.
- Page 236: Problem 2, 3, 4.
- Pages 244: Problem 3.
- Pages 250: Problems 50, 53 (what precondition and loop invariant should hold)?
- Consider the following problem (mentioned in lecture): There are three politicians, A, B, and C. You know that one of them always tells the truth, one of them always lies, and one of them sometimes tells the truth and sometimes lies. You are allowed to ask these three politicians any three true/false questions you like, and you may choose which politician is asked which question. (You may assume that the politicians will actually give "true" or "false" as an answer.) How would you determine how to order the politicians by how often they tell the truth? This problem is quite difficult. Try your problem solving abilities, but do not be disappointed if you fail.