

COS 341, September 22, 1999

Due: September 29, 1999

Homework Set 1

Reading Assignments Read Chapter 1, and start reading Chapter 3.

Written Assignments Do Exercises 1, 16, 18, 31, 32 in Section 1.8, plus the following problem:

Special Problem In today's class, we discussed a variant of the Monte Hall Problem in which there are 4 doors instead of 3. What is the probability of winning if the contestant uses the SWITCH strategy? Give an explicit specification of the probability space and the *event* representing this win.