

91.420/91.543 Artificial Intelligence
Spring 2002
Prof. Yanco

Assignment 6

Out: Tuesday, 2 April 2002

Due: Thursday, 11 April 2002

Note: This assignment is a combination of the Assignments 6 and 7 that were listed in the “final” project description.

Problem 1 Exercise 7.6 on p. 214 of Russell and Norvig. Write the definitions for GreatGrandparent, Brother, Daughter, Uncle, SisterInLaw and FirstCousin only. You do not need to enter anything into the computer or use the program they mention. Just write the definitions on paper.

Problem 2 Exercise 7.10 on p. 215 of Russell and Norvig

Problem 3 Exercise 7.16 on p. 216 of Russell and Norvig

Problem 4 Exercise 9.1 on p. 294 of Russell and Norvig

Problem 5 Exercise 9.4 on p. 294 of Russell and Norvig

Problem 6 Exercise 9.6 on pp.295 of Russell and Norvig

Problem 7 Exercise 14.3 on p. 433 of Russell and Norvig

Problem 8 Exercise 14.4 on p. 433 of Russell and Norvig

Problem 9 Exercise 14.8 on p. 434 of Russell and Norvig

Problem 10 (91.543 only) Exercise 7.15 on p. 216 of Russell and Norvig

Problem 11 (91.543 only) Exercise 14.12 on p. 435 of Russell and Norvig