

ICS 171, Summer 2000: Lecture 1 Homework

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Due: August 15, 2000

- (1) Give two examples of real world systems that you consider to be examples of Artificial Intelligence. Briefly describe the systems and justify why you believe they fall in this category.
- (2) For one of the examples you chose in question 1, describe the system as an agent in terms of its percepts, actions, goals, and environment.
- (3) For each of the agents in Figure 2.3 (Russell & Norvig, page 37), determine what type of architecture (i.e. table lookup, reflex, goal based, utility based) is most appropriate. Justify your decision (a few sentences should be enough).