

## **CSC242: Homework 0.0**

### **AIMA Chapter 1**

1. Describe in one sentence each of the following approaches to creating artificial (computational) intelligences:
  - (a) Acting humanly
  - (b) Thinking humanly
  - (c) Thinking rationally
  - (d) Acting rationally

Note that these are not mutually exclusive!

2. What makes the Turing Test a good test of intelligence? In what ways is it lacking?
3. True or false: Cognitive Science combines computer models from AI with experimental techniques from Psychology, Neuroscience, and Linguistics to develop testable theories of the human mind.
4. Describe the two main obstacles of the logical approach to AI. Are these obstacles only for logic?
5. Briefly distinguish rational action from logical inference. Is perfect rationality feasible?