

## CISC 3410 Fall 2012, Homework 1

1. Write down an example of an intelligent agent, either from the fictional world (from a book, a play, a film, a television show and so on) or from the real world.

Write a few lines to describe this example, and say (a) what kind of sensors it uses, (b) what actions it can carry out, and (c) what kind of environment it operates in.

When describing the environment, you should classify it in the way that we described in the lecture — fully observable or partially observable, and so on. Remember that for many situations there is not a correct answer, but you have to be able to explain *why* you give the answer that you do.

The fewer other people who use the same example as you, the more credit you will get.