CS7375 Programming Assignment #1 (Spring 2021)

Due: February 21, 2021 (11:30 PM)

To implement an AI agent to carry out a simple task for you in the programming language of your choice. Remember that we have learned four different types of AI Agents in Chapter 2. Please show your design and what tasks you try to solve by using the agent you implemented.

You may write your code in a contemporary language of your choice; typical languages would include C/C++, Python, Java, Ada, Pascal, Smalltalk, Lisp, and Prolog. A GUI interface is preferred.

1. Submit a PDF file of your well-commented source program, your design and your printed outputs (screen shots). Please include your codes in your PDF file. Do not take any codes from the website. Try to understand the algorithm and implement the algorithm by your own.
2. Provide a video presentation of your programming assignment in MP3 or YouTube.
3. Please upload 1) and 2) separately to D2L.
4. Restriction: No zipped files.

Adding the following 3 sections at the beginning of your PDF including your code and outputs.

1. Your information

// Course: _____
// Student name: _____
// Student ID: _____
// Assignment #: _____
// Due Date: _____
// Signature: _____ (Your signature assures that everything is your own work)
// Score: _____

2. Design of your Agent

3. Tasks that your agent can solve