Project 2 - Python AI Programming Project

MSDS688 - Artificial Intelligence

In this project, you will continue to level-up your Python programming skills and learn more about AI while you are doing it. The goal is learning, not getting all the tests working. Remember, you can credit for asking good questions too. *Asking a good question is a valuable skill and will allow you to get help from colleagues or teammates while maintaining your reputation.*

- Pick a project from the list below.

- Find at least two others in the class who will *commit* to select it too.

- You are there to help support your group, and they are there to assist you.

- Get help from your group. Ask questions on the Discussion Forum > Project 2.

- **Sharing ideas, implementation strategies, tools, techniques, and resources are encouraged.**

- **Sharing code is not! Students need to write their code.**

- **If you are drawing inspiration from elsewhere, please cite your sources.**

Project Description

The AI projects listed below require you to write the Python code that fills-in empty function blocks. Each project has an extensive set of unit tests, just like project 1. There is no better way to learn a programming language than by working through a significant project.

Topics - Pick the one that interests you most

- Lab 2: Search
- Lab 3: Games
- Lab 4: Constraint Satisfaction Problems
- Lab 8: Bayesian Inference

Download the zip and other files to get started. I recommend backing up your project so that you can quickly recover in case disaster strikes.