Northern Michigan University (Marquette Co, MI)
CS 470-01-26W: Artificial Intelligence

Program 4
Due: Friday 20 March 2026 9:00 A.M. EDT

Decision Tree

Create a folder called "PG4" in the top level of your CS470-01-26W folder. Place all files pertaining to this assignment into the top level of your PG4 folder. Place a (possibly empty) file called "DONE" into this folder when you are ready to have your programs graded. The only files you need to turn in are the .py files. Please don't turn in any files other than these!!

As discussed in class, write a program that uses (and modifies) a decision tree to play 20 questions. Your program must read information into a tree from a file when the program begins, and must write the new tree to a file when the program ends.