CSEN 166 Artificial Intelligence

Lab Assignment #4: Sample Submission

Name: ID:

Task: Minimax Agent

paste your code:

class MinimaxAgent(MultiAgentSearchAgent):

     def getAction(self, gameState):

       …

       # inside the getAction function, you will define the following two functions:

       def maxValue_fun(state,PlayerIndex, other arguments if needed):

         …

       def minValue_fun(state, PlayerIndex, other arguments if needed):

         …

       # commands in the getAction function will call the maxValue_fun function, which
       # will then return the best action for the root node

       …

Comment: explain how you modified/developed the above function/code…

Hint: you may highlight the main code snippets and explain what each of them does.

Function 2

paste your code (any other function that you defined or modified):

def function_name(arguments):

   …

Comment: explain how you modified/developed the above function/code…

…

Function 3

…

Comment:

…

Lab 4 Contributions of each group member (in percentage):

…