

## Minimax

autograder.py:17: DeprecationWarning: the imp module is deprecated in favour of  
importlib; see the module's documentation for alternative uses

import imp

Starting on 10-15 at 22:58:22

Question q2

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```
*** PASS: test_cases/q2/0-eval-function-lose-states-1.test
*** PASS: test_cases/q2/0-eval-function-lose-states-2.test
*** PASS: test_cases/q2/0-eval-function-win-states-1.test
*** PASS: test_cases/q2/0-eval-function-win-states-2.test
*** PASS: test_cases/q2/0-lecture-6-tree.test
*** PASS: test_cases/q2/0-small-tree.test
*** PASS: test_cases/q2/1-1-minmax.test
*** PASS: test_cases/q2/1-2-minmax.test
*** PASS: test_cases/q2/1-3-minmax.test
*** PASS: test_cases/q2/1-4-minmax.test
*** PASS: test_cases/q2/1-5-minmax.test
*** PASS: test_cases/q2/1-6-minmax.test
*** PASS: test_cases/q2/1-7-minmax.test
*** PASS: test_cases/q2/1-8-minmax.test
*** PASS: test_cases/q2/2-1a-vary-depth.test
*** PASS: test_cases/q2/2-1b-vary-depth.test
*** PASS: test_cases/q2/2-2a-vary-depth.test
*** PASS: test_cases/q2/2-2b-vary-depth.test
*** PASS: test_cases/q2/2-3a-vary-depth.test
*** PASS: test_cases/q2/2-3b-vary-depth.test
*** PASS: test_cases/q2/2-4a-vary-depth.test
*** PASS: test_cases/q2/2-4b-vary-depth.test
*** PASS: test_cases/q2/2-one-ghost-3level.test
*** PASS: test_cases/q2/3-one-ghost-4level.test
*** PASS: test_cases/q2/4-two-ghosts-3level.test
*** PASS: test_cases/q2/5-two-ghosts-4level.test
*** PASS: test_cases/q2/6-tied-root.test
*** PASS: test_cases/q2/7-1a-check-depth-one-ghost.test
*** PASS: test_cases/q2/7-1b-check-depth-one-ghost.test
*** PASS: test_cases/q2/7-1c-check-depth-one-ghost.test
*** PASS: test_cases/q2/7-2a-check-depth-two-ghosts.test
*** PASS: test_cases/q2/7-2b-check-depth-two-ghosts.test
*** PASS: test_cases/q2/7-2c-check-depth-two-ghosts.test
*** Running MinimaxAgent on smallClassic 1 time(s).
```

Pacman died! Score: 84

Average Score: 84.0

Scores: 84.0  
Win Rate: 0/1 (0.00)  
Record: Loss  
\*\*\* Finished running MinimaxAgent on smallClassic after 1 seconds.  
\*\*\* Won 0 out of 1 games. Average score: 84.000000 \*\*\*  
\*\*\* PASS: test\_cases/q2/8-pacman-game.test

### Question q2: 5/5 ###

Finished at 22:58:23

Provisional grades

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Question q2: 5/5

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Total: 5/5

Your grades are NOT yet registered. To register your grades, make sure to follow your instructor's guidelines to receive credit on your project.

## Alpha-Beta-Pruning

autograder.py:17: DeprecationWarning: the imp module is deprecated in favour of importlib; see the module's documentation for alternative uses

import imp

Starting on 10-15 at 22:59:25

Question q3

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\*\*\* PASS: test\_cases/q3/0-eval-function-lose-states-1.test  
\*\*\* PASS: test\_cases/q3/0-eval-function-lose-states-2.test  
\*\*\* PASS: test\_cases/q3/0-eval-function-win-states-1.test  
\*\*\* PASS: test\_cases/q3/0-eval-function-win-states-2.test  
\*\*\* PASS: test\_cases/q3/0-lecture-6-tree.test  
\*\*\* PASS: test\_cases/q3/0-small-tree.test  
\*\*\* PASS: test\_cases/q3/1-1-minmax.test  
\*\*\* PASS: test\_cases/q3/1-2-minmax.test  
\*\*\* PASS: test\_cases/q3/1-3-minmax.test  
\*\*\* PASS: test\_cases/q3/1-4-minmax.test  
\*\*\* PASS: test\_cases/q3/1-5-minmax.test  
\*\*\* PASS: test\_cases/q3/1-6-minmax.test  
\*\*\* PASS: test\_cases/q3/1-7-minmax.test  
\*\*\* PASS: test\_cases/q3/1-8-minmax.test  
\*\*\* PASS: test\_cases/q3/2-1a-vary-depth.test

\*\*\* PASS: test\_cases/q3/2-1b-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-2a-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-2b-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-3a-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-3b-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-4a-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-4b-vary-depth.test  
\*\*\* PASS: test\_cases/q3/2-one-ghost-3level.test  
\*\*\* PASS: test\_cases/q3/3-one-ghost-4level.test  
\*\*\* PASS: test\_cases/q3/4-two-ghosts-3level.test  
\*\*\* PASS: test\_cases/q3/5-two-ghosts-4level.test  
\*\*\* PASS: test\_cases/q3/6-tied-root.test  
\*\*\* PASS: test\_cases/q3/7-1a-check-depth-one-ghost.test  
\*\*\* PASS: test\_cases/q3/7-1b-check-depth-one-ghost.test  
\*\*\* PASS: test\_cases/q3/7-1c-check-depth-one-ghost.test  
\*\*\* PASS: test\_cases/q3/7-2a-check-depth-two-ghosts.test  
\*\*\* PASS: test\_cases/q3/7-2b-check-depth-two-ghosts.test  
\*\*\* PASS: test\_cases/q3/7-2c-check-depth-two-ghosts.test  
\*\*\* Running AlphaBetaAgent on smallClassic 1 time(s).  
Pacman died! Score: 84  
Average Score: 84.0  
Scores: 84.0  
Win Rate: 0/1 (0.00)  
Record: Loss  
\*\*\* Finished running AlphaBetaAgent on smallClassic after 0 seconds.  
\*\*\* Won 0 out of 1 games. Average score: 84.000000 \*\*\*  
\*\*\* PASS: test\_cases/q3/8-pacman-game.test

### Question q3: 5/5 ###

Finished at 22:59:26

Provisional grades

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Question q3: 5/5

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Total: 5/5

Your grades are NOT yet registered. To register your grades, make sure to follow your instructor's guidelines to receive credit on your project.