```
Starting on 11-7 at 20:57:46
Question q1
========
Pacman crashed
Average Score: 0.0
              Scores:
Win Rate:
              0/10 (0.00)
Record:
              Loss, Loss, Loss, Loss, Loss, Loss, Loss, Loss,
Loss
*** FAIL: test_cases/q1/grade-agent.test (0 of 4 points)
       0.0 average score (0 of 2 points)
           Grading scheme:
***
            < 500:
                    0 points
***
                    1 points
***
           >= 500:
           >= 1000: 2 points
***
       10 games not timed out (0 of 0 points)
***
***
           Grading scheme:
                   fail
            < 10:
***
           >= 10: 0 points
***
       0 wins (fail: below minimum value 1)
***
           Grading scheme:
***
            < 1:
                  fail
***
           >= 1:
                  0 points
***
           >= 5:
                  1 points
***
           >= 10: 2 points
***
### Question q1: 0/4 ###
Question q2
=========
*** 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 ###
Question q3
=========
*** 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-qhost-3level.test
*** PASS: test cases/q3/3-one-qhost-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-qhosts.test
*** Running AlphaBetaAgent on smallClassic 1 time(s).
Pacman died! Score: 84
Average Score: 84.0
Scores:
               84.0
               0/1 (0.00)
Win Rate:
Record:
               Loss
*** Finished running AlphaBetaAgent on smallClassic after 1 seconds.
*** Won 0 out of 1 games. Average score: 84.000000 ***
*** PASS: test_cases/q3/8-pacman-game.test
### Question q3: 5/5 ###
Question q4
========
*** PASS: test cases/q4/0-expectimax1.test
*** PASS: test_cases/q4/1-expectimax2.test
*** PASS: test cases/q4/2-one-qhost-3level.test
*** PASS: test_cases/q4/3-one-ghost-4level.test
*** PASS: test_cases/q4/4-two-ghosts-3level.test
*** PASS: test cases/q4/5-two-ghosts-4level.test
*** PASS: test cases/q4/6-1a-check-depth-one-ghost.test
*** PASS: test_cases/q4/6-1b-check-depth-one-ghost.test
*** PASS: test cases/q4/6-1c-check-depth-one-ghost.test
*** PASS: test_cases/q4/6-2a-check-depth-two-ghosts.test
*** PASS: test cases/q4/6-2b-check-depth-two-qhosts.test
*** PASS: test cases/q4/6-2c-check-depth-two-ghosts.test
*** Running ExpectimaxAgent on smallClassic 1 time(s).
Pacman died! Score: 84
Average Score: 84.0
Scores:
               0/1 (0.00)
Win Rate:
```

```
Record:
              Loss
*** Finished running ExpectimaxAgent on smallClassic after 1 seconds.
*** Won 0 out of 1 games. Average score: 84.000000 ***
*** PASS: test cases/q4/7-pacman-game.test
### Question q4: 5/5 ###
Question q5
========
Pacman crashed
Average Score: 0.0
              Scores:
Win Rate:
              0/10 (0.00)
Record:
              Loss, Loss, Loss, Loss, Loss, Loss, Loss, Loss,
Loss
*** FAIL: test_cases/q5/grade-agent.test (0 of 6 points)
       0.0 average score (0 of 2 points)
***
           Grading scheme:
***
            < 500: 0 points
***
           >= 500:
                    1 points
***
           >= 1000: 2 points
***
       10 games not timed out (1 of 1 points)
***
           Grading scheme:
***
            < 0: fail
***
           >= 0:
                  0 points
***
           >= 10:
                   1 points
***
       0 wins (fail: below minimum value 1)
***
           Grading scheme:
***
            < 1:
                  fail
***
           >= 1:
                  1 points
***
           >= 5:
                  2 points
***
           >= 10: 3 points
***
### Question q5: 0/6 ###
Finished at 20:57:51
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Provisional grades

Question q1: 0/4 Question q2: 5/5 Question q3: 5/5 Question q4: 5/5 Question q5: 0/6

Total: 15/25

Your grades are NOT yet registered. To register your grades, make sure

to follow your instructor's guidelines to receive credit on your project.