Last login: Fri Apr 10 15:31:45 on ttys005

~ via ● v13.10.1 via ● base

→ cd Desktop/TCD/github/testothello

testothello on ? master via base via 3 .7.5

→ python play.py !OTHELLO!

Choose player using BLACK:

Player's to choose from: human,random,alpha,expec,minmax,

> expec

Choose Level 1. Easy 2. Medium 3. Hard

> 3

Choose player using WHITE:

Player's to choose from: human,random,alpha,expec,minmax,

> minmax

Choose Level 1. Easy 2. Medium 3. Hard

> 3

Move made by '@' is: 65 in 0.000254 seconds Move made by 'o' is: 66 in 5.31508 seconds Move made by '@' is: 67 in 38.662615 seconds Move made by 'o' is: 77 in 30.366111 seconds Move made by '@' is: 56 in 88.246599 seconds Move made by 'o' is: 68 in 87.001121 seconds Move made by '@' is: 78 in 131.805655 seconds Move made by 'o' is: 88 in 81.719413 seconds Move made by '@' is: 87 in 117.207286 seconds Move made by 'o' is: 86 in 60.053691 seconds Move made by '@' is: 76 in 67.389165 seconds Move made by 'o' is: 64 in 86.366587 seconds Move made by '@' is: 74 in 2000.069768 seconds Move made by 'o' is: 85 in 126.781634 seconds Move made by '@' is: 34 in 498.144984 seconds Move made by 'o' is: 23 in 47.272362 seconds Move made by '@' is: 47 in 665.515856 seconds Move made by 'o' is: 84 in 70.106938 seconds Move made by '@' is: 35 in 747.442414 seconds Move made by 'o' is: 38 in 79.932975 seconds Move made by '@' is: 12 in 556.635401 seconds Move made by 'o' is: 46 in 31.92152 seconds Move made by '@' is: 75 in 17.65546 seconds Move made by 'o' is: 25 in 64.792001 seconds Move made by '@' is: 16 in 11.84219 seconds Move made by 'o' is: 33 in 1.436684 seconds Move made by '@' is: 43 in 1.488958 seconds Move made by 'o' is: 32 in 28.242711 seconds Move made by '@' is: 52 in 21.892384 seconds Move made by 'o' is: 15 in 55.378529 seconds Move made by '@' is: 48 in 239.692346 seconds Move made by 'o' is: 61 in 530.186652 seconds Move made by '@' is: 28 in 2337.562204 seconds Move made by 'o' is: 37 in 128.491719 seconds Move made by '@' is: 22 in 1557.375534 seconds Move made by 'o' is: 17 in 177.945579 seconds Move made by '@' is: 53 in 1019.913357 seconds Move made by 'o' is: 11 in 155.813055 seconds Move made by '@' is: 57 in 1721.954467 seconds Move made by 'o' is: 58 in 97.353467 seconds Move made by '@' is: 27 in 387.745122 seconds

Move made by 'o' is: 18 in 33.932631 seconds Move made by '@' is: 42 in 91.86234 seconds Move made by 'o' is: 36 in 27.661781 seconds Move made by '@' is: 24 in 5.080747 seconds Move made by 'o' is: 13 in 2.911374 seconds Move made by '@' is: 62 in 0.34186 seconds Move made by 'o' is: 72 in 0.931205 seconds

White wins!

Score for BLACK is: 0 and WHITE is: 52

Total time taken by Black(@) is: 12325.526966 seconds and average per move is: 513.5636235833333

Total time taken by White(o) is: 2011.9148199999997 seconds and average per move is:

83.82978416666666

12345678 1000.0000 2.0000.00 3.0000000 4.0000000 5.0000000

testothello on ? master via **()** base via **()** 3 .7.5 took 4h 12s

**→**