

testtothello 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,

> random

Move made by '@' is: 56 in 0.000302 seconds

Move made by 'o' is: 66 in 0.000297 seconds

Move made by '@' is: 76 in 53.508022 seconds

Move made by 'o' is: 46 in 0.000773 seconds

Move made by '@' is: 34 in 87.821158 seconds

Move made by 'o' is: 77 in 0.000405 seconds

Move made by '@' is: 65 in 460.622534 seconds

Move made by 'o' is: 43 in 0.000796 seconds

Move made by '@' is: 67 in 7137.952701 seconds

Move made by 'o' is: 75 in 0.000911 seconds

Move made by '@' is: 74 in 14123.681601 seconds

Move made by 'o' is: 23 in 0.000765 seconds

Move made by '@' is: 78 in 7089.869496 seconds

Move made by 'o' is: 64 in 0.001346 seconds

Move made by '@' is: 12 in 2019.83131 seconds

Move made by 'o' is: 36 in 0.000402 seconds

Move made by '@' is: 63 in 1952.04867 seconds

Move made by 'o' is: 57 in 0.000427 seconds

Move made by '@' is: 27 in 4706.366895 seconds

Move made by 'o' is: 25 in 0.000704 seconds

Move made by '@' is: 47 in 3383.925842 seconds

Move made by 'o' is: 84 in 0.000556 seconds

Move made by '@' is: 42 in 3780.169742 seconds

Move made by 'o' is: 18 in 0.000394 seconds

Move made by '@' is: 26 in 6156.982332 seconds

Move made by 'o' is: 88 in 0.000246 seconds

Move made by '@' is: 87 in 5918.438502 seconds

Move made by 'o' is: 37 in 0.001332 seconds

Move made by '@' is: 17 in 9993.26319 seconds

Move made by 'o' is: 48 in 0.000885 seconds

Move made by '@' is: 53 in 3242.335284 seconds

Move made by 'o' is: 72 in 0.001463 seconds

Move made by '@' is: 62 in 3209.189957 seconds

Move made by 'o' is: 33 in 0.000463 seconds

Move made by '@' is: 22 in 6540.720362 seconds

Move made by 'o' is: 68 in 0.000478 seconds

Move made by '@' is: 82 in 2090.649651 seconds

Move made by 'o' is: 41 in 0.001062 seconds

Move made by '@' is: 73 in 2207.309171 seconds

Move made by 'o' is: 86 in 0.001167 seconds

Move made by '@' is: 51 in 671.2288 seconds

Move made by 'o' is: 83 in 0.000101 seconds

Move made by '@' is: 58 in 144.511762 seconds

Move made by 'o' is: 38 in 0.000155 seconds

Move made by '@' is: 28 in 93.541252 seconds

Move made by 'o' is: 13 in 0.000173 seconds

Move made by '@' is: 52 in 22.650697 seconds

Move made by 'o' is: 21 in 9.2e-05 seconds
 Move made by '@' is: 31 in 16.952105 seconds
 Move made by 'o' is: 61 in 9.2e-05 seconds
 Move made by '@' is: 32 in 3.341139 seconds
 Move made by 'o' is: 16 in 7.4e-05 seconds
 Move made by '@' is: 71 in 0.224561 seconds
 Move made by 'o' is: 11 in 6.7e-05 seconds
 Move made by '@' is: 14 in 0.014048 seconds
 Move made by 'o' is: 15 in 5.9e-05 seconds
 Move made by '@' is: 24 in 0.001606 seconds
 Move made by 'o' is: 81 in 4.9e-05 seconds
 Move made by '@' is: 35 in 0.00017 seconds
 Move made by '@' is: 85 in 0.000103 seconds

White wins!

Score for BLACK is: 30 and WHITE is: 34

Total time taken by Black(@) is: 85107.15296499999 seconds and average per move is:

2745.3920311290317

Total time taken by White(o) is: 0.015734 seconds and average per move is: 0.0005425517241379311

1 2 3 4 5 6 7 8

1 o o o o o o o o

2 o o @ @ @ o @ @

3 o @ @ @ @ @ @ @

4 o @ @ @ @ @ @ @

5 o o @ @ @ o @ @

6 o @ o o @ o @ o

7 o o o o @ @ o o

8 o o o o @ o o o

testothello on [?] master via ● base via 🐍 3 .7.5 took 23h 39m 25s

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