

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,

> minmax

Choose Level 1.Easy 2.Medium 3.Hard

> 3

Choose player using WHITE:

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

> expec

Choose Level 1.Easy 2.Medium 3.Hard

> 3

Move made by '@' is: 34 in 0.000548 seconds

Move made by 'o' is: 53 in 9.980456 seconds

Move made by '@' is: 66 in 23.941751 seconds

Move made by 'o' is: 35 in 184.549402 seconds

Move made by '@' is: 64 in 104.328088 seconds

Move made by 'o' is: 33 in 385.303112 seconds

Move made by '@' is: 42 in 170.413127 seconds

Move made by 'o' is: 77 in 626.353209 seconds

Move made by '@' is: 26 in 291.396117 seconds

Move made by 'o' is: 52 in 1685.511355 seconds

Move made by '@' is: 88 in 347.378607 seconds

Move made by 'o' is: 17 in 1271.694194 seconds

Move made by '@' is: 51 in 262.514478 seconds

Move made by 'o' is: 56 in 629.602766 seconds

Move made by '@' is: 46 in 169.397074 seconds

Move made by 'o' is: 47 in 2425.675586 seconds

Move made by '@' is: 38 in 449.609214 seconds

Move made by 'o' is: 48 in 3678.656686 seconds

Move made by '@' is: 58 in 457.185677 seconds

Move made by 'o' is: 76 in 2399.52376 seconds

Move made by '@' is: 43 in 454.119439 seconds

Move made by 'o' is: 78 in 2407.552073 seconds

Move made by '@' is: 68 in 395.418648 seconds

Move made by 'o' is: 74 in 1256.647583 seconds

Move made by '@' is: 86 in 675.783621 seconds

Move made by 'o' is: 65 in 3672.185173 seconds

Move made by '@' is: 83 in 424.57613 seconds

Move made by 'o' is: 84 in 2445.307647 seconds

Move made by '@' is: 85 in 280.056861 seconds

Move made by 'o' is: 87 in 1292.239232 seconds

Move made by '@' is: 75 in 211.543129 seconds

Move made by 'o' is: 82 in 675.042929 seconds

Move made by '@' is: 81 in 120.047518 seconds

Move made by 'o' is: 41 in 427.834873 seconds

Move made by '@' is: 31 in 104.554765 seconds

Move made by 'o' is: 57 in 275.089948 seconds

Move made by '@' is: 73 in 92.375117 seconds

Move made by 'o' is: 67 in 104.668942 seconds

Move made by '@' is: 22 in 34.804235 seconds

Move made by 'o' is: 23 in 94.119528 seconds

Move made by '@' is: 32 in 41.253434 seconds

Move made by 'o' is: 21 in 99.094283 seconds

Move made by '@' is: 11 in 23.553679 seconds

Move made by 'o' is: 62 in 20.988143 seconds

Move made by '@' is: 12 in 12.616481 seconds

Move made by 'o' is: 13 in 0.789174 seconds
 Move made by '@' is: 24 in 2.887052 seconds
 Move made by 'o' is: 14 in 0.37294 seconds
 Move made by '@' is: 25 in 0.238304 seconds
 Move made by 'o' is: 36 in 0.145515 seconds
 Move made by '@' is: 16 in 0.166367 seconds
 Move made by 'o' is: 15 in 0.002373 seconds
 Move made by '@' is: 18 in 0.036462 seconds
 Move made by '@' is: 72 in 0.001678 seconds
 Move made by 'o' is: 71 in 0.000319 seconds
 Move made by '@' is: 63 in 0.000765 seconds
 Move made by '@' is: 61 in 0.000199 seconds
 Black wins!

Score for BLACK is: 60 and WHITE is: 1

Total time taken by Black(@) is: 5150.198564999999 seconds and average per move is: 171.67328549999996

Total time taken by White(o) is: 26068.931200999996 seconds and average per move is: 965.5159704074073

```

1 2 3 4 5 6 7 8
1 @ @ @ @ @ @ @ @
2 @ @ @ @ @ @ . .
3 @ @ @ @ @ @ . @
4 @ @ @ o @ @ @ @
5 @ @ @ @ @ @ @ @
6 @ @ @ @ @ @ @ @
7 @ @ @ @ @ @ @ @
8 @ @ @ @ @ @ @ @
  
```

testothello on [?] master via ● base via 🐍 3 .7.5 took 8h 40m 25s
→