

~/Desktop via  base

→ ./othello.sh

!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,

> alpha

Choose Level 1.Easy 2.Medium 3.Hard

> 2

Move made by '@' is: 56 in 0.000657 seconds

Move made by 'o' is: 64 in 0.154376 seconds

Move made by '@' is: 43 in 23.434371 seconds

Move made by 'o' is: 36 in 0.263018 seconds

Move made by '@' is: 74 in 90.922708 seconds

Move made by 'o' is: 42 in 0.197466 seconds

Move made by '@' is: 34 in 67.689794 seconds

Move made by 'o' is: 25 in 0.257638 seconds

Move made by '@' is: 41 in 71.053338 seconds

Move made by 'o' is: 52 in 0.097642 seconds

Move made by '@' is: 23 in 95.360161 seconds

Move made by 'o' is: 63 in 0.25156 seconds

Move made by '@' is: 62 in 209.828302 seconds

Move made by 'o' is: 61 in 0.309606 seconds

Move made by '@' is: 27 in 147.359862 seconds

Move made by 'o' is: 65 in 0.195243 seconds

Move made by '@' is: 72 in 281.701298 seconds

Move made by 'o' is: 47 in 0.24479 seconds

Move made by '@' is: 38 in 367.62245 seconds

Move made by 'o' is: 18 in 0.152592 seconds

Move made by '@' is: 73 in 46.255529 seconds

Move made by 'o' is: 81 in 0.244561 seconds

Move made by '@' is: 71 in 399.226079 seconds

Move made by 'o' is: 66 in 0.4797 seconds

Move made by '@' is: 76 in 594.386268 seconds

Move made by 'o' is: 57 in 0.548443 seconds

Move made by '@' is: 14 in 611.145456 seconds

Move made by 'o' is: 86 in 0.801226 seconds

Move made by '@' is: 67 in 251.70085 seconds

Move made by 'o' is: 16 in 0.444284 seconds

Move made by '@' is: 87 in 214.909836 seconds

Move made by 'o' is: 88 in 2.574837 seconds

Move made by '@' is: 46 in 90.854766 seconds

Move made by 'o' is: 68 in 0.322546 seconds

Move made by '@' is: 53 in 310.758629 seconds

Move made by 'o' is: 33 in 0.40753 seconds

Move made by '@' is: 35 in 313.9291 seconds

Move made by 'o' is: 51 in 0.397103 seconds

Move made by '@' is: 32 in 302.441607 seconds

Move made by 'o' is: 31 in 0.308099 seconds

Move made by '@' is: 78 in 130.156603 seconds

Move made by 'o' is: 13 in 0.362333 seconds

Move made by '@' is: 77 in 136.346712 seconds

Move made by 'o' is: 15 in 0.146158 seconds

Move made by '@' is: 22 in 38.337749 seconds

Move made by 'o' is: 58 in 0.149428 seconds
Move made by '@' is: 24 in 35.750182 seconds
Move made by 'o' is: 11 in 0.077149 seconds
Move made by '@' is: 37 in 11.174451 seconds
Move made by 'o' is: 48 in 0.087583 seconds
Move made by '@' is: 21 in 2.56597 seconds
Move made by 'o' is: 26 in 0.030861 seconds
Move made by '@' is: 75 in 0.161553 seconds
Move made by 'o' is: 28 in 0.009813 seconds
Move made by '@' is: 17 in 0.01156 seconds
Move made by 'o' is: 12 in 0.002473 seconds
Move made by 'o' is: 82 in 0.000406 seconds
Move made by '@' is: 84 in 0.000621 seconds
Move made by 'o' is: 83 in 0.000222 seconds
Move made by '@' is: 85 in 0.000223 seconds

White wins!


Score for BLACK is: 27 and WHITE is: 37

Total time taken by Black(@) is: 4845.086684999999 seconds and average per move is:
161.50288949999998

Total time taken by White(o) is: 9.518686 seconds and average per move is: 0.3172895333333334

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

./othello.sh: line 3: alpha: command not found
./othello.sh: line 4: 3: command not found
./othello.sh: line 5: expect: command not found
./othello.sh: line 6: 3: command not found

~/Desktop via  base took 1h 21m 52s

→