

~/Desktop via  base

→ ./othello.sh

!OTHELLO!

Choose player using BLACK:

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

> alpha

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: 34 in 0.000446 seconds
Move made by 'o' is: 53 in 6.542629 seconds
Move made by '@' is: 64 in 1.169695 seconds
Move made by 'o' is: 35 in 30.665032 seconds
Move made by '@' is: 36 in 2.539639 seconds
Move made by 'o' is: 75 in 160.885865 seconds
Move made by '@' is: 74 in 7.291045 seconds
Move made by 'o' is: 84 in 216.089076 seconds
Move made by '@' is: 43 in 6.111242 seconds
Move made by 'o' is: 33 in 155.001864 seconds
Move made by '@' is: 32 in 8.207893 seconds
Move made by 'o' is: 27 in 310.57334 seconds
Move made by '@' is: 65 in 17.333663 seconds
Move made by 'o' is: 31 in 1109.121593 seconds
Move made by '@' is: 18 in 12.800449 seconds
Move made by 'o' is: 56 in 328.718842 seconds
Move made by '@' is: 25 in 5.477135 seconds
Move made by 'o' is: 42 in 178.748533 seconds
Move made by '@' is: 63 in 5.813846 seconds
Move made by 'o' is: 16 in 785.324408 seconds
Move made by '@' is: 41 in 19.084317 seconds
Move made by 'o' is: 51 in 858.703572 seconds
Move made by '@' is: 66 in 22.791916 seconds
Move made by 'o' is: 77 in 1420.710695 seconds
Move made by '@' is: 46 in 21.681112 seconds
Move made by 'o' is: 76 in 1155.41598 seconds
Move made by '@' is: 23 in 15.777739 seconds
Move made by 'o' is: 12 in 1690.303445 seconds
Move made by '@' is: 13 in 8.429585 seconds
Move made by 'o' is: 14 in 1403.769046 seconds
Move made by '@' is: 15 in 2.944827 seconds
Move made by 'o' is: 47 in 741.837935 seconds
Move made by '@' is: 11 in 4.414792 seconds
Move made by 'o' is: 73 in 395.4243 seconds
Move made by '@' is: 85 in 3.545437 seconds
Move made by 'o' is: 86 in 167.332056 seconds
Move made by '@' is: 17 in 2.619856 seconds
Move made by 'o' is: 26 in 32.643625 seconds
Move made by '@' is: 24 in 2.669428 seconds
Move made by 'o' is: 28 in 8.002242 seconds
Move made by '@' is: 22 in 1.72818 seconds
Move made by 'o' is: 21 in 6.784544 seconds
Move made by '@' is: 88 in 2.762716 seconds
Move made by 'o' is: 78 in 28.137419 seconds
Move made by '@' is: 61 in 1.860212 seconds

Move made by 'o' is: 57 in 3.94414 seconds
Move made by '@' is: 62 in 0.897212 seconds
Move made by 'o' is: 52 in 6.281242 seconds
Move made by '@' is: 87 in 0.743227 seconds
Move made by 'o' is: 67 in 2.667541 seconds
Move made by '@' is: 83 in 0.362246 seconds
Move made by 'o' is: 82 in 0.864292 seconds
Move made by '@' is: 81 in 0.16094 seconds
Move made by 'o' is: 72 in 0.107952 seconds
Move made by '@' is: 37 in 0.006136 seconds
Move made by 'o' is: 68 in 0.01522 seconds
Move made by '@' is: 38 in 0.001057 seconds
Move made by 'o' is: 58 in 0.001659 seconds
Move made by '@' is: 48 in 0.000469 seconds
Move made by '@' is: 71 in 0.000266 seconds
Black wins!


Score for BLACK is: 50 and WHITE is: 14

Total time taken by Black(@) is: 179.22672300000002 seconds and average per move is:
5.7815071935483875

Total time taken by White(o) is: 11204.618086999999 seconds and average per move is:
386.36614093103447

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

./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 3h 10m 1s

