~/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
> 2
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:  56 in 0.000438 seconds
Move made by 'o' is:  64 in 4.3537 seconds
Move made by '@' is:  33 in 0.03404 seconds
Move made by 'o' is:  46 in 80.542301 seconds
Move made by '@' is:  36 in 0.072374 seconds
Move made by 'o' is:  22 in 453.260067 seconds
Move made by '@' is:  43 in 0.105595 seconds
Move made by 'o' is:  27 in 1398.781397 seconds
Move made by '@' is:  26 in 0.301361 seconds
Move made by 'o' is:  37 in 7614.983369 seconds
Move made by '@' is:  18 in 0.351691 seconds
Move made by 'o' is:  17 in 5404.590777 seconds
Move made by '@' is:  11 in 0.251695 seconds
Move made by 'o' is:  32 in 4737.561769 seconds
Move made by '@' is:  38 in 0.600623 seconds
Move made by 'o' is:  28 in 5533.975462 seconds
Move made by '@' is:  53 in 0.750025 seconds
Move made by 'o' is:  12 in 10737.369093 seconds
Move made by '@' is:  31 in 1.225457 seconds
Move made by 'o' is:  65 in 6077.075302 seconds
Move made by '@' is:  66 in 1.000365 seconds
Move made by 'o' is:  77 in 11426.953601 seconds
Move made by '@' is:  34 in 0.780851 seconds
Move made by 'o' is:  47 in 2915.584793 seconds
Move made by '@' is:  88 in 1.265495 seconds
Move made by 'o' is:  21 in 18301.39135 seconds
Move made by '@' is:  63 in 2.518154 seconds
Move made by 'o' is:  72 in 5621.063733 seconds
Move made by '@' is:  35 in 1.877017 seconds
Move made by 'o' is:  67 in 9905.476079 seconds
Move made by '@' is:  81 in 1.381521 seconds
Move made by 'o' is:  52 in 7808.426865 seconds
Move made by '@' is:  61 in 0.679142 seconds
Move made by 'o' is:  87 in 5594.00392 seconds
Move made by '@' is:  57 in 0.544731 seconds
Move made by 'o' is:  23 in 1057.500385 seconds
Move made by '@' is:  76 in 0.485713 seconds
Move made by 'o' is:  73 in 1031.82154 seconds
Move made by '@' is:  24 in 0.543685 seconds
Move made by 'o' is:  71 in 777.901722 seconds
Move made by '@' is:  42 in 0.380108 seconds
Move made by 'o' is:  62 in 572.192115 seconds
Move made by '@' is:  68 in 0.395847 seconds

Move made by 'o' is: 78 in 348.763359 seconds
Move made by '@' is: 74 in 0.362092 seconds
Move made by 'o' is: 41 in 235.531035 seconds
Move made by '@' is: 51 in 0.094725 seconds
Move made by 'o' is: 85 in 52.866493 seconds
Move made by '@' is: 84 in 0.111881 seconds
Move made by 'o' is: 82 in 11.179884 seconds
Move made by '@' is: 75 in 0.099975 seconds
Move made by 'o' is: 48 in 3.913388 seconds
Move made by '@' is: 14 in 0.065193 seconds
Move made by 'o' is: 58 in 0.35966 seconds
Move made by '@' is: 83 in 0.016684 seconds
Move made by 'o' is: 13 in 0.011836 seconds
Move made by '@' is: 15 in 0.002325 seconds
Move made by 'o' is: 16 in 0.000947 seconds
Move made by '@' is: 25 in 0.000532 seconds
Move made by '@' is: 86 in 0.000323 seconds
Black wins!
 Score for BLACK is: 40 and WHITE is: 24
 Total time taken by Black(@) is: 16.299658000000004 seconds and average per move is:
0.5257954193548389
 Total time taken by White(o) is: 107707.43594200003 seconds and average per move is:
3714.04951524138
  1 2 3 4 5 6 7 8
1 @ o o o o o o @
2 @ o @ @ @ o o o
3 @ @ @ @ @ o o o
4 @ @ @ @ @ o o o
5 @ @ @ @ @ o o o
6 @ @ @ @ @ @ o o
7 o @ @ @ @ @ o o
8 @ @ @ @ @ @ @ @

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

~/Desktop via ⬤ base took 1d 5h 55m 36s
➜