~/Desktop via ⒸＧ base
➜ ./othello.sh
    !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,
> expec
Choose Level 1.Easy 2.Medium 3.Hard
> 1
Move made by '@' is: 65 in 0.000797 seconds
Move made by 'o' is: 64 in 0.04704 seconds
Move made by '@' is: 73 in 674.905224 seconds
Move made by 'o' is: 74 in 0.306066 seconds
Move made by '@' is: 75 in 1608.436996 seconds
Move made by 'o' is: 82 in 0.364922 seconds
Move made by '@' is: 72 in 1909.521936 seconds
Move made by 'o' is: 76 in 0.388429 seconds
Move made by '@' is: 63 in 4842.907947 seconds
Move made by 'o' is: 71 in 0.659986 seconds
Move made by '@' is: 87 in 4526.430675 seconds
Move made by 'o' is: 62 in 0.45207 seconds
Move made by '@' is: 85 in 1804.038047 seconds
Move made by 'o' is: 77 in 0.284409 seconds
Move made by '@' is: 84 in 1966.253618 seconds
Move made by 'o' is: 43 in 0.209653 seconds
Move made by '@' is: 78 in 9233.971658 seconds
Move made by 'o' is: 35 in 0.215023 seconds
Move made by '@' is: 66 in 282.367958 seconds
Move made by 'o' is: 67 in 0.033487 seconds
Move made by '@' is: 51 in 663.368327 seconds
Move made by 'o' is: 52 in 0.186076 seconds
Move made by '@' is: 41 in 742.544466 seconds
Move made by 'o' is: 42 in 0.150019 seconds
Move made by '@' is: 53 in 1395.496061 seconds
Move made by 'o' is: 61 in 0.109461 seconds
Move made by '@' is: 58 in 1880.347653 seconds
Move made by 'o' is: 68 in 0.112969 seconds
Move made by '@' is: 57 in 1503.791558 seconds
Move made by 'o' is: 48 in 0.134941 seconds
Move made by '@' is: 56 in 1491.25651 seconds
Move made by 'o' is: 46 in 0.095828 seconds
Move made by '@' is: 83 in 410.151249 seconds
Move made by 'o' is: 86 in 0.037997 seconds
Move made by '@' is: 47 in 259.820846 seconds
Move made by 'o' is: 34 in 0.106255 seconds
Move made by '@' is: 23 in 325.957331 seconds
Move made by 'o' is: 24 in 0.144616 seconds
Move made by '@' is: 14 in 474.145768 seconds
Move made by 'o' is: 25 in 0.120543 seconds
Move made by '@' is: 15 in 375.641437 seconds
Move made by 'o' is: 12 in 0.100373 seconds
Move made by '@' is: 22 in 152.881208 seconds
Move made by 'o' is: 32 in 0.07986 seconds
Move made by '@' is: 21 in 81.336971 seconds
Move made by 'o' is: 33 in 0.062922 seconds

Move made by '@' is: 31 in 13.832307 seconds
Move made by 'o' is: 13 in 0.039185 seconds
Move made by '@' is: 36 in 24.38616 seconds
Move made by 'o' is: 27 in 0.02935 seconds
Move made by '@' is: 37 in 5.669683 seconds
Move made by 'o' is: 28 in 0.020863 seconds
Move made by '@' is: 38 in 0.568862 seconds
Move made by 'o' is: 16 in 0.007879 seconds
Move made by '@' is: 26 in 0.031113 seconds
Move made by 'o' is: 17 in 0.001926 seconds
Move made by '@' is: 18 in 0.000934 seconds
Move made by 'o' is: 11 in 0.000435 seconds
Move made by '@' is: 81 in 0.000161 seconds
Black wins!
 Score for BLACK is: 33 and WHITE is: 30
 Total time taken by Black(@) is: 36650.063461 seconds and average per move is: 1221.6687820333332
 Total time taken by White(o) is: 4.5025830000000004 seconds and average per move is:
0.1552614827586207
  1 2 3 4 5 6 7 8
1 o o o o o o o @
2 o o @ @ @ o @ @
3 o @ o o o @ @ @
4 o @ o o @ o @ @
5 o o @ @ o @ o @
6 o o @ @ @ o @ @
7 o @ o @ 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 10h 11m 22s
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