





Last login: Fri Apr 10 22:45:27 on ttys007

~ via  v13.10.1 via  base

→ cd Desktop/TCD/github/testothello

testothello 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: 43 in 0.000298 seconds  
Move made by 'o' is: 35 in 7.975027 seconds  
Move made by '@' is: 66 in 20.94437 seconds  
Move made by 'o' is: 53 in 185.399792 seconds  
Move made by '@' is: 46 in 106.162914 seconds  
Move made by 'o' is: 33 in 384.270468 seconds  
Move made by '@' is: 24 in 173.20234 seconds  
Move made by 'o' is: 77 in 631.067759 seconds  
Move made by '@' is: 62 in 293.949332 seconds  
Move made by 'o' is: 25 in 1709.884424 seconds  
Move made by '@' is: 88 in 353.671628 seconds  
Move made by 'o' is: 71 in 1305.445693 seconds  
Move made by '@' is: 42 in 267.128462 seconds  
Move made by 'o' is: 57 in 517.796302 seconds  
Move made by '@' is: 68 in 252.320771 seconds  
Move made by 'o' is: 56 in 305.406815 seconds  
Move made by '@' is: 63 in 288.842345 seconds  
Move made by 'o' is: 22 in 3416.939557 seconds  
Move made by '@' is: 11 in 1096.45638 seconds  
Move made by 'o' is: 23 in 1542.277789 seconds  
Move made by '@' is: 13 in 143.527706 seconds  
Move made by 'o' is: 34 in 1318.004825 seconds  
Move made by '@' is: 67 in 286.741435 seconds  
Move made by 'o' is: 21 in 245.561029 seconds  
Move made by '@' is: 31 in 148.001103 seconds  
Move made by 'o' is: 78 in 598.797344 seconds  
Move made by '@' is: 14 in 379.571015 seconds  
Move made by 'o' is: 72 in 3636.948062 seconds  
Move made by '@' is: 12 in 497.009773 seconds  
Move made by 'o' is: 87 in 1284.275636 seconds  
Move made by '@' is: 86 in 262.603973 seconds  
Move made by 'o' is: 32 in 751.014763 seconds  
Move made by '@' is: 41 in 296.967197 seconds  
Move made by 'o' is: 47 in 398.72357 seconds  
Move made by '@' is: 58 in 246.785253 seconds  
Move made by 'o' is: 76 in 415.069787 seconds  
Move made by '@' is: 85 in 159.79054 seconds  
Move made by 'o' is: 48 in 241.966896 seconds  
Move made by '@' is: 38 in 86.054834 seconds  
Move made by 'o' is: 75 in 92.62151 seconds  
Move made by '@' is: 74 in 64.105753 seconds

Move made by 'o' is: 64 in 52.327216 seconds  
 Move made by '@' is: 37 in 19.224962 seconds  
 Move made by 'o' is: 28 in 14.13588 seconds  
 Move made by '@' is: 65 in 15.210524 seconds  
 Move made by 'o' is: 84 in 15.380789 seconds  
 Move made by '@' is: 81 in 7.915396 seconds  
 Move made by 'o' is: 82 in 6.618854 seconds  
 Move made by '@' is: 83 in 2.919541 seconds  
 Move made by 'o' is: 36 in 1.145492 seconds  
 Move made by '@' is: 73 in 0.790528 seconds  
 Move made by 'o' is: 52 in 0.15895 seconds  
 Move made by '@' is: 61 in 0.12938 seconds  
 Move made by 'o' is: 26 in 0.003327 seconds  
 Move made by '@' is: 27 in 0.046489 seconds  
 Move made by 'o' is: 17 in 0.003778 seconds  
 Move made by '@' is: 51 in 0.003708 seconds  
 Move made by 'o' is: 16 in 0.000465 seconds  
 Move made by '@' is: 18 in 0.000451 seconds  
 Move made by '@' is: 15 in 0.000155 seconds  
 Black wins!

Score for BLACK is: 60 and WHITE is: 4

Total time taken by Black(@) is: 5470.078556000001 seconds and average per move is: 176.454146967742

Total time taken by White(o) is: 19079.221799000003 seconds and average per move is: 657.9041999655174

```

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

testothello on [?] master via ● base via 🐍 3 .7.5 took 6h 50m 55s  
→