

**EXAMPLE OF CogSpeed RAW DATA OUTPUT
AND
TEST CONSTANT SETTINGS**

CogSpeed v1.00.012

User Name: Newbie12
2021-04-02_11:15:04
Screen Resolution: 414x736
Geoloc: (lat: 29.38103880935324, long: -98.73619985735704)

ELSR: 4
BRD: 1190.8333333333333
IPR: 0.8397480755773269
CPI: 55.60524968532356 (VALID)

Test 1
2021-04-02_11:15:04
Endcode: COMPLETE
Test Duration: 74sec
BRD: 1191ms, Self Pace ms: 1653ms
Block Delta: 125ms
Block Range: 200, (1128 -> 1328)
Block Count: 3

Correct Response Time - Mean: 994.84ms
Correct Response Time - Standard Deviation: 322.6295

000 s:0 O,8,4,(6),(E),(7) E->8 Correct This,t: 4616ms,r: n/a,d: 4617ms
0 Time: 4616, Input:8

001 s:0 (1),T,(X),7,3,(O) 1->O Wrong,t: 1064ms,r: n/a,d: 1064ms
0 Time: 1064, Input:1

002 s:1 2,(1),4,(7),(5),8 U->4 Correct This,t: 911ms,r: n/a,d: 911ms
0 Time: 911, Input:4

003 s:1 (T),8,F,(U),(O),7 S->7 Correct This,t: 3015ms,r: n/a,d: 3015ms
0 Time: 3015, Input:7

004 s:1 (N),(S),4,9,1,(2) U->4 Correct This,t: 1034ms,r: n/a,d: 1034ms
0 Time: 1034, Input:4

005 s:1 (4),(3),(S),X,9,O N->9 Correct This,t: 1152ms,r: n/a,d: 1152ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1152, Input:9

006 s:2 3,(2),(5),8,(9),X F->5 Correct This,t: 1058ms,r: 0.62,d: 1058ms,tD: 1703ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1058, Input:5

007 s:2 (4),8,(3),F,(9),2 T->3 Correct This,t: 1164ms,r: 0.69,d: 1164ms,tD: 1678ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1164, Input:3

008 s:2 (7),3,(X),E,2,(8) W->2 Correct This,t: 1103ms,r: 0.67,d: 1103ms,tD: 1653ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1103, Input:2

009 s:2 2,3,(1),6,(4),(9) X->6 Correct This,t: 1212ms,r: 0.74,d: 1213ms,tD: 1628ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1212, Input:6

010 s:2 1,(X),3,(W),(8),2 E->8 Correct This,t: 1167ms,r: 0.73,d: 1167ms,tD: 1603ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1167, Input:8

011 s:2 7,(9),4,(S),(6),5 N->9 Correct This,t: 1101ms,r: 0.7,d: 1101ms,tD: 1578ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1101, Input:9

012 s:2 (5),4,9,F,(N),(6) U->4 Correct This,t: 965ms,r: 0.62,d: 965ms,tD: 1553ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 965, Input:4

013 s:2 5,3,2,(1),(4),(X) W->2 Correct This,t: 1118ms,r: 0.73,d: 1118ms,tD: 1528ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1118, Input:2

014 s:2 6,F,(7),(S),4,(9) N->9 Correct This,t: 1083ms,r: 0.72,d: 1083ms,tD: 1503ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1083, Input:9

015 s:2 U,(7),2,(5),N,(9) W->2 Correct This,t: 917ms,r: 0.62,d: 918ms,tD: 1478ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 917, Input:2

016 s:2 (E),1,N,U,(X),(O) 6->X Correct This,t: 1128ms,r: 0.78,d: 1128ms,tD: 1453ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1128, Input:X

017 s:2 3,(X),(1),5,T,(9) T->3 Correct This,t: 1035ms,r: 0.72,d: 1036ms,tD: 1428ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1035, Input:3

018 s:2 (7),1,(F),(6),5,4 S->7 Correct This,t: 1378ms,r: 0.98,d: 1379ms,tD: 1403ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1378, Input:7

019 s:2 4,(5),1,(3),(9),7 O->1 Correct This,t: 887ms,r: 0.64,d: 887ms,tD: 1378ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 887, Input:1

020 s:2 7,4,(5),1,(9),(X) S->7 No Input,t: n/a,r: n/a,d: 1359ms,tD: 1353ms [1,1,1,1,1,1,1,0] (87%)

021 s:2 6,5,T,(4),(2),(1) O->1 Correct This,t: 1155ms,r: 0.85,d: 1155ms,tD: 1353ms [1,1,1,1,1,1,0,1] (87%)
0 Time: 1155, Input:1

022 s:2 T,W,(N),(U),(4),S 3->T No Input,t: n/a,r: n/a,d: 1331ms,tD: 1328ms [1,1,1,1,1,0,1,0] (75%)

023 s:2 (W),(3),(4),7,9,O S->7 No Input,t: n/a,r: n/a,d: 1333ms,tD: 1328ms <BLOCK>

024 s:3 3,7,(4),5,(1),(9) T->3 Correct This,t: 1666ms,r: n/a,d: 1666ms
0 Time: 1666, Input:3

025 s:3 (5),(8),T,U,(7),3 E->8 Correct This,t: 1070ms,r: n/a,d: 1070ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1070, Input:8

- 026 s:2 (5),X,O,(1),(2),6 W->2 Correct This,t: 1313ms,r: 0.82,d: 1313ms,tD: 1603ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1313, Input:2
- 027 s:2 9,(5),6,(E),(1),F N->9 Correct This,t: 1451ms,r: 0.92,d: 1452ms,tD: 1578ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 1451, Input:9
- 028 s:2 (F),(U),8,(5),1,X O->1 Correct This,t: 965ms,r: 0.62,d: 965ms,tD: 1553ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 965, Input:1
- 029 s:2 7,8,(6),(F),(3),4 T->3 Correct This,t: 985ms,r: 0.64,d: 986ms,tD: 1528ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 985, Input:3
- 030 s:2 (4),1,6,(9),2,(5) O->1 Correct This,t: 832ms,r: 0.55,d: 832ms,tD: 1503ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 832, Input:1
- 031 s:2 (N),(S),(U),E,T,F 7->S No Input,t: n/a,r: n/a,d: 1483ms,tD: 1478ms [1,1,1,1,1,1,1,0] (87%)
- 032 s:2 4,(1),(W),(7),9,S N->9 Correct This,t: 1364ms,r: 0.92,d: 1364ms,tD: 1478ms [1,1,1,1,1,1,0,1] (87%)
0 Time: 1364, Input:9
- 033 s:2 S,(7),(O),5,6,(8) S->7 Correct This,t: 1164ms,r: 0.8,d: 1165ms,tD: 1453ms [1,1,1,1,1,0,1,1] (87%)
0 Time: 1164, Input:7
- 034 s:2 4,8,(2),9,(3),(7) N->9 No Input,t: n/a,r: n/a,d: 1433ms,tD: 1428ms [1,1,1,1,0,1,1,0] (75%)
- 035 s:2 F,S,(E),(N),T,(X) 3->T Correct Last,t: 96ms,r: 0.07,d: 96ms,tD: 1428ms [1,1,1,0,1,1,0,1] (75%)
0 Time: 96, Input:N
- 036 s:2 (T),2,1,8,(5),(7) W->2 Correct This,t: 1084ms,r: 0.77,d: 1084ms,tD: 1403ms [1,1,0,1,1,0,1,1] (75%)
0 Time: 1084, Input:2
- 037 s:2 5,E,(F),X,(W),(U) 5->F No Input,t: n/a,r: n/a,d: 1382ms,tD: 1378ms [1,0,1,1,0,1,1,0] (62%)
- 038 s:2 (F),4,1,O,(3),(6) T->3 Correct Last,t: 84ms,r: 0.06,d: 84ms,tD: 1378ms [0,1,1,0,1,1,0,1] (62%)
0 Time: 84, Input:1
- 039 s:2 (1),(4),2,3,6,(9) N->9 Correct This,t: 984ms,r: 0.73,d: 984ms,tD: 1353ms [1,1,0,1,1,0,1,1] (75%)
0 Time: 984, Input:9
- 040 s:2 3,E,(X),(U),(6),S 6->X Correct This,t: 1313ms,r: 0.99,d: 1313ms,tD: 1328ms [1,0,1,1,0,1,1,1] (75%)
0 Time: 1313, Input:X
- 041 s:2 (5),2,7,(9),(1),F S->7 Correct This,t: 965ms,r: 0.74,d: 965ms,tD: 1303ms [0,1,1,0,1,1,1,1] (75%)
0 Time: 965, Input:7
- 042 s:2 (3),4,5,(1),6,(9) T->3 Correct This,t: 1218ms,r: 0.95,d: 1219ms,tD: 1278ms [1,1,0,1,1,1,1,1] (87%)
0 Time: 1218, Input:3
- 043 s:2 2,(4),(7),X,(1),S U->4 Correct This,t: 948ms,r: 0.76,d: 948ms,tD: 1253ms [1,0,1,1,1,1,1,1] (87%)
0 Time: 948, Input:4
- 044 s:2 7,(5),6,(8),(4),3 X->6 Correct This,t: 1049ms,r: 0.85,d: 1049ms,tD: 1228ms [0,1,1,1,1,1,1,1] (87%)
0 Time: 1049, Input:6
- 045 s:2 5,8,(2),(1),4,(3) E->8 No Input,t: n/a,r: n/a,d: 1207ms,tD: 1203ms [1,1,1,1,1,1,1,0] (87%)

046 s:2 S,(W),(F),(U),X,4 2->W Correct This,t: 106ms,r: 0.09,d: 106ms,tD: 1203ms [1,1,1,1,1,0,1] (87%)
0 Time: 106, Input:W

047 s:2 (3),4,(9),7,6,(2) N->9 Correct This,t: 951ms,r: 0.81,d: 951ms,tD: 1178ms [1,1,1,1,0,1,1] (87%)
0 Time: 951, Input:9

048 s:2 2,(9),E,(4),S,(T) U->4 No Input,t: n/a,r: n/a,d: 1159ms,tD: 1153ms [1,1,1,1,0,1,1,0] (75%)

049 s:2 8,(1),5,(2),6,(9) O->1 Correct Last,t: 74ms,r: 0.06,d: 74ms,tD: 1153ms [1,1,1,0,1,1,0,1] (75%)
0 Time: 74, Input:2

050 s:2 T,(O),(3),S,(N),F 3->T No Input,t: n/a,r: n/a,d: 1135ms,tD: 1128ms [1,1,0,1,1,0,1,0] (62%)

051 s:2 (8),4,O,9,(3),(2) E->8 No Input,t: n/a,r: n/a,d: 1130ms,tD: 1128ms <BLOCK>

052 s:3 4,(6),(9),5,(2),1 N->9 Correct Last,t: 182ms,r: n/a,d: 182ms
0 Time: 182, Input:4

053 s:3 (3),(2),6,9,(7),1 W->2 Correct This,t: 917ms,r: n/a,d: 918ms [1,1,1,1,1,1,1,1] (100%)
0 Time: 917, Input:2

054 s:2 F,N,(S),(U),(5),T 4->U No Input,t: n/a,r: n/a,d: 1408ms,tD: 1403ms [1,1,1,1,1,1,1,0] (87%)

055 s:2 (1),(6),(3),8,5,N F->5 Correct This,t: 1121ms,r: 0.8,d: 1122ms,tD: 1403ms [1,1,1,1,1,1,0,1] (87%)
0 Time: 1121, Input:5

056 s:2 E,(N),(1),(2),6,7 S->7 Correct This,t: 1003ms,r: 0.73,d: 1003ms,tD: 1378ms [1,1,1,1,1,0,1,1] (87%)
0 Time: 1003, Input:7

057 s:2 2,(8),(1),3,5,(4) F->5 Correct This,t: 982ms,r: 0.73,d: 982ms,tD: 1353ms [1,1,1,1,0,1,1,1] (87%)
0 Time: 982, Input:5

058 s:2 (4),3,(8),5,2,(9) E->8 Correct This,t: 1033ms,r: 0.78,d: 1033ms,tD: 1328ms [1,1,1,0,1,1,1,1] (87%)
0 Time: 1033, Input:8

059 s:2 (5),S,1,(E),3,(9) F->5 Correct This,t: 1083ms,r: 0.83,d: 1083ms,tD: 1303ms [1,1,0,1,1,1,1,1] (87%)
0 Time: 1083, Input:5

060 s:2 (5),4,(9),3,6,(O) U->4 Correct This,t: 1000ms,r: 0.78,d: 1000ms,tD: 1278ms [1,0,1,1,1,1,1,1] (87%)
0 Time: 1000, Input:4

061 s:2 (O),3,E,(S),U,(F) 7->S No Input,t: n/a,r: n/a,d: 1256ms,tD: 1253ms [0,1,1,1,1,1,1,0] (75%)

062 s:2 (7),6,1,2,(4),(8) W->2 No Input,t: n/a,r: n/a,d: 1256ms,tD: 1253ms <BLOCK>

063 s:4 (2),T,4,(W),(S),5 U->4 Correct Last,t: 315ms,r: n/a,d: 315ms
0 Time: 315, Input:W

064 s:4 (6),7,2,(5),(3),1 T->3 Correct This,t: 1136ms,r: n/a,d: 1136ms
0 Time: 1136, Input:3

065 s:255 (5),T,N,X,(E),(O) 1->O No Input,t: n/a,r: n/a,d: 0ms

Test Constants

nTrainingRounds: 2
lpr: 0.5
hipr: 1.111
spMaxWrongCount: 5
spMaxRightCount: 4
noResponseTimeout: 10000
maxTestDurationTimeout: 120000
max_mpStartDuration: 2100
mpMaxRightCount: 1
mpMaxWrongCount: 5
mpMaxSlowdownCount: 8
mpNotThere: 0
notThereDisabled: true
init_slowdown_dTD: 75
block_slowdown_dTD: 300
wrong_slowdown_dTD: 100
speedup_dTD: 33
speedup_on_correct: true
speedup_on_wrong: false
speedup_on_noinput: false
speedup_base: -25
speedup_mod: 0
n_endmode_rounds: 2
mp_rollmean_size: 8
mp_rollmean_min: 0.6
mp_input_ends_round: true
mp_rt_buffer_size: 3
noInputCount: 2
bpRoundCount: 3
n_inversecolordisplay: 3
p_displayother: 0.25
p_invert_letnum: 0.25
maxBlock_dTD: 135
maxBadTestsInSession: 3
tutorial_nSPRounds: 12
tutorial_nMPRounds: 8
tutorial_mpRoundStartDuration: 2100
tutorial_mpRoundDurationDelta: -200
save_round_data: true