

Hypothesis

[Path 1]:
0: Start of execution: Beginning Search
1: Searching: query(Candidate Variable_0)
2: Searching: query_days_to_surpass_window(Candidate Variable_0)
3: Searching: days_to_surpass_window(4, 20, Candidate Variable_0)
4: Searching: 4<20
5: Found: 4<20
6: Searching: _16348 is 4*2
7: Found: 8 is 4*2
8: Searching: days_to_surpass_window(8, 20, Candidate Variable_1)
9: Searching: 8<20
10: Found: 8<20
11: Searching: _19422 is 8*2
12: Found: 16 is 8*2
13: Searching: days_to_surpass_window(16, 20, Candidate Variable_2)
14: Searching: 16<20
15: Found: 16<20
16: Searching: _22496 is 16*2
17: Found: 32 is 16*2
18: Searching: days_to_surpass_window(32, 20, Candidate Variable_3)
19: Searching: 32<20
20: Fail: 32<20 | {'Result': 'Search Failed'}
Looking for other paths: Redo: days_to_surpass_window(32, 20, Candidate Variable_3)
[Path 2]:
21: Searching: 32>=20
22: Found: 32>=20
23: Found: days_to_surpass_window(32, 20, 0)
24: Searching: _20654 is 0+1
25: Found: 1 is 0+1
26: Found: days_to_surpass_window(16, 20, 1)
27: Searching: _17580 is 1+1
28: Found: 2 is 1+1
29: Found: days_to_surpass_window(8, 20, 2)
30: Searching: _5830 is 2+1
31: Found: 3 is 2+1
32: Found: days_to_surpass_window(4, 20, 3)
33: Found: query_days_to_surpass_window(3)
34: Found: query(3) | {'Result': 'Answer = 3'}
Looking for other paths: Redo: days_to_surpass_window(16, 20, Candidate Variable_2)
[Path 3]:
35: Searching: 16>=20
36: Fail: 16>=20 | {'Result': 'Search Failed'}
37: Fail: days_to_surpass_window(16, 20, Candidate Variable_2) | {'Result': 'Search Failed'}
Looking for other paths: Redo: days_to_surpass_window(8, 20, Candidate Variable_1)
[Path 4]:
38: Searching: 8>=20
39: Fail: 8>=20 | {'Result': 'Search Failed'}
40: Fail: days_to_surpass_window(8, 20, Candidate Variable_1) | {'Result': 'Search Failed'}
Looking for other paths: Redo: days_to_surpass_window(4, 20, Candidate Variable_0)
[Path 5]:
41: Searching: 4>=20
42: Fail: 4>=20 | {'Result': 'Search Failed'}
43: Fail: days_to_surpass_window(4, 20, Candidate Variable_0) | {'Result': 'Search Failed'}
44: Fail: query_days_to_surpass_window(Candidate Variable_0) | {'Result': 'Search Failed'}
45: Fail: query(Candidate Variable_0) | {'Result': 'Search Failed'}

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0: Start of execution: Beginning Search
1: Searching: query(Candidate Variable_0)
2: Searching: query_days_to_surpass_window(Candidate Variable_0)
3: Searching: days_to_surpass_window(4, 20, Candidate Variable_0)
4: Searching: 4 < 20
5: Searching: _15130 is 4*2
6: Found: 8 is 4*2
7: Searching: days_to_surpass_window(8, 20, Candidate Variable_1)
8: Searching: 8 < 20
9: Searching: _16356 is 8*2
10: Found: 16 is 8*2
11: Searching: days_to_surpass_window(16, 20, Candidate Variable_2)
12: Searching: 16 < 20
13: Searching: _5834 is 16*2
14: Found: 32 is 16*2
15: Searching: days_to_surpass_window(32, 20, Candidate Variable_3)
16: Found: days_to_surpass_window(32, 20, 0)
17: Found: days_to_surpass_window(16, 20, 1)
18: Found: days_to_surpass_window(8, 20, 2)
19: Found: days_to_surpass_window(4, 20, 3)
20: Found: query_days_to_surpass_window(3)
21: Found: query(3) | {'Result': 'Answer = 3'}

Reference