

Task 7 Trace Table Practice

How To Complete A Trace Table

Worked Example



session	totalMinutes	condition result	balancedCount
start	-	-	0
1	20	false	0
2	45	true	1
3	60	true	2

Practice Task 1





Test data: true, false, true, true.

	question	correct	points
	start	-	
	1		
	2		
	3		
	4		

Practice Task 2



Test data: 8, 0, 4.

step	rating	condition result	attempts	output
start	-	-	0	
first input	8	true	0	
after loop 1	0	true	1	Enter a value from 1 to 5
after loop 2	4	false	2	Enter a value from 1 to 5
final output	4	false	2	2

Practice Task 3

The program should count the number of scores that are 50 or above.



Test data: 50, 51, 49, 70, 30.

Questions

1. Complete a trace table.
2. Identify the logical error.

3. Correct the condition.

Model Answer

The condition should include 50 because the requirement says 50 or above. The corrected condition is: