Example Evaluation Sheet: "Slot Machines"

Curriculum Expectations: A1.1, A1.3, A1.4, A2.1, A2.2, A2.3, A3.1, A4.1, A4.3, A4.4, A4.5, B1.1, B1.3, B3.1

Test Cases

Description	Input	Expected Output	Score
Payouts on all machines (machine A triggered first). One point for exactly correct text in output.	**How many quarters does Martha have in the jar?** **10** **How many times has the first machine been played since paying out?** **34** **How many times has the second machine been played since paying out?** **90** **How many times has the third machine been played since paying out?** **1**	**Martha plays 175 times before going broke.**	0 1 **2**
Payouts on all machines (machine B triggered first).	**How many quarters does Martha have in the jar?** **30** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **90** **How many times has the third machine been played since paying out?** **0**	**Martha plays 165 times before going broke.**	0 **1**

Test Cases			
Description	**Input**	**Expected Output**	**Score**
Payouts on all machines (machine C triggered first).	**How many quarters does Martha have in the jar?** **15** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **95** **How many times has the third machine been played since paying out?** **9**	**Martha plays 150 times before going broke.**	0 1
Payouts on machines A and C.	**How many quarters does Martha have in the jar?** **40** **How many times has the first machine been played since paying out?** **30** **How many times has the second machine been played since paying out?** **0** **How many times has the third machine been played since paying out?** **0**	**Martha plays 88 times before going broke.**	0 1

Test Cases			
Description	**Input**	**Expected Output**	**Score**
Payout on machine C only.	**How many quarters does Martha have in the jar?** **15** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **0** **How many times has the third machine been played since paying out?** **8**	**Martha plays 24 times before going broke.**	0 1
Test condition on enough quarters for loop (visiting all three machines).	**How many quarters does Martha have in the jar?** **3** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **0** **How many times has the third machine been played since paying out?** **0**	**Martha plays 3 times before going broke.**	0 1

Test Cases			
Description	**Input**	**Expected Output**	**Score**
Test condition on enough quarters for second machine.	**How many quarters does Martha have in the jar?** **1** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **0** **How many times has the third machine been played since paying out?** **0**	**Martha plays 1 times before going broke.**	0 1
Test condition on enough quarters for third machine.	**How many quarters does Martha have in the jar?** **2** **How many times has the first machine been played since paying out?** **0** **How many times has the second machine been played since paying out?** **0** **How many times has the third machine been played since paying out?** **0**	**Martha plays 2 times before going broke.**	0 1

Test Cases			
Description	**Input**	**Expected Output**	**Score**
Martha has a run of "luck".	**How many quarters does Martha have in the jar?** **999** **How many times has the first machine been played since paying out?** **34** **How many times has the second machine been played since paying out?** **99** **How many times has the third machine been played since paying out?** **9**	**Martha plays 4770 times before going broke.**	0 1
Out of range integer input.	**How many quarters does Martha have in the jar?** **0**	**How many quarters does Martha have in the jar?**	0 1
Out of range integer input.	**How many quarters does Martha have in the jar?** **1000**	**How many quarters does Martha have in the jar?**	0 1
String input	**How many quarters does Martha have in the jar?** **five**	**How many quarters does Martha have in the jar?**	0 1
Non-integer input.	**How many quarters does Martha have in the jar?** **7.5**	**How many quarters does Martha have in the jar?**	0 1
Out of range input on a machine.	**How many times has the first machine been played since paying out?** **40**	**How many times has the first machine been played since paying out?**	0 1

Name: _____

Comments

Final score
out of
15