

## ***Student***

**Run teacher's tests  
on buggy solution**



**Receive info about  
next failed test**



**Revise solution**



**Rerun teacher's  
tests**



**Test passed?**

No

Yes

**Generate  
debugging hint  
(optional)**

**All tests passed**



**Submit correct  
solution**



**Compare to worse  
solution**



**Generate  
optimization hint**

**Compare to better  
solution**



**Generate  
optimization hint**

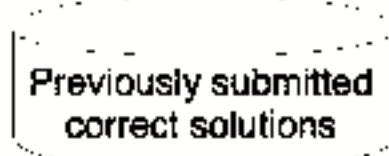
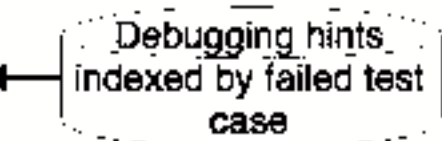


**Optimization hints  
indexed by current  
performance**



***Self-Reflection Workflow***

***Comparison Workflow***



## ***Student 2***

**Submit correct  
solution**



**Optimize solution**