

## **Tigress – The Trial of Iron Will**

During the Trial of Iron Will, Tigress created a toughness-evaluation challenge for students.

The challenge measures a warrior's stamina and compares it to the trial's required threshold.

However, every participant — even beginners — gets labeled as "Passed."

Upon inspection, Tigress finds that instead of **comparing** stamina to the threshold, the system **assigns** the threshold to the stamina variable inside the condition.

This makes every check automatically evaluate as true.

Your task:

**Explain how using assignment in a conditional statement breaks decision flow, how such bugs cause systems to behave as if every condition is satisfied, and how a reviewer can reliably detect this class of errors through reading patterns and logical consistency check**