

Competition 8	
Competition Name	Logic Legends
Tagline	"Pattern. Process. Puzzle."
Description	A pure test of logical thinking and problem-solving prowess. This isn't just about syntax; it's about how you think. From cracking patterns to fixing broken algorithms, prove that you are the ultimate logic legend.
Rules / Guidelines	<p>Competition Guidelines/Rules:</p> <ul style="list-style-type: none"> • Structure: 3 Elimination Rounds. <p>Round 1: The Stack Attack (Tower of Hanoi)</p> <ul style="list-style-type: none"> • Teams must move a stack of 5 to 7 disks from Rod A to Rod C following standard rules: <ol style="list-style-type: none"> 1. Only one disk can be moved at a time. 2. No larger disk can be placed on top of a smaller disk. • Format: Digital Simulation (on Lab PC) to ensure accurate timing. • Scoring: Fastest completion time wins. • Top 20 teams advance. <p>Round 2: The Gridlock (Sudoku)</p> <ul style="list-style-type: none"> • Teams are given a "Hard" difficulty 9x9 Sudoku. • Time Limit: 20 Minutes. • Judging: Teams are ranked by accuracy first, then speed. Incomplete puzzles are scored by the number of correct cells filled. • Top 10 teams advance. <p>Round 3: The Einstein Riddle (Finale)</p> <ul style="list-style-type: none"> • The ultimate test of deductive reasoning (e.g., "Who owns the Fish?"). • Teams are provided with a list of clues and a Logic Grid to map the answers. • First team to correctly identify all variables wins the title. <p>General Rules:</p> <ol style="list-style-type: none"> 1. No calculators or digital aids allowed. 2. Round 1 is pen-and-paper based. 3. Any communication with other teams leads to disqualification.