

Postlab Experiment : 1

Q1. What is easiest way to win tic-toe game?

- 1. Start by playing your first mark in Centre of square
- 2. If your opponent doesn't place their mark in corner square place your mark there
- 3. Otherwise place your mark opposite to your first move.
- 4. From your third move onward prioritize completing rows, column or diagonal while blocking opponent moves

Q2 What is algorithm to win 5*5 Tic Tac Toe?

- 1. Control the Center square
- 2. Create two in a row, three in a row, combination horizontal vertical or diagonally
- 3. Secure adjacent corner square to create multiple winning path
- 4. Control edge square to add flexibility to winning combination and block moves
- 5. Anticipate opponent moves and block potential winning moves while advancing your own strategy
- 6. Be Flexible and adapt strategy based on current state and opponent moves

Q3 Is there way to never lose a Tic Tac Toe?

- 1. Start in Center. Always begin with Center square for more winning opportunities
- 2. Create and block. Prioritize forming winning combination while blocking your opponent moves to maintain control and increase your chances of winning
- 3. Adapt strategy. Adjust your approach based on board state and opponent move to stay ahead and maximize winning potential