

TIC-TAC-TOE

- TIC-TAC-TOE IS A TWO PLAYER GAME WHERE EACH PLAYER USES A SIGNATURE. THE PLAYER WHO SUCCESSFULLY PLACES THREE RESPECTIVE SIGNATURES IN A VERTICAL, HORIZONTAL OR DIAGONAL ROW IS THE WINNER.

STEP 1: USE 3 X 3 MATRIX TO GET 9 CELL TIC TAC TOE BOARD.

STEP 2: SIGNATURE 'X' IS USED FOR PLAYER 1 AND 'Y' FOR PLAYER 2. AND THE PLAYERS PLAY ALTERNATIVELY.

STEP 3: GET INDEX AS INPUT FROM THE PLAYERS. AND THE INDEX RANGE IS 1-9. I.E) FROM CELL 1 TO CELL 9.

STEP 4: AFTER EACH MOVE, CHECK WHETHER THAT PLAYER HAS PLACED THREE RESPECTIVE SIGNATURES IN VERTICAL, HORIZONTAL OR DIAGONAL ROW. IF YES, DECLARE THAT PARTICULAR PLAYER AS WINNER.

STEP 5: IF NO, GIVE CHANCE FOR OTHER PLAYER.

STEP 6: IF ALL THE CELLS IN THE TIC-TAC-TOE BOARD GOT FILLED, THEN THE GAME IS DRAWN.

- YASH RAJ

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