# A PROGRAM FOR THE GAME TIC TAC TOE

**INTRODUCTION :**

TISC TAC TOE is a two player board game consisting of ‘X’ and ‘O’ .

Ecah player mark a position of the board which is divided to 9 equal square parts. The players mark their positions till same symbols come across horizontally or vertically or diagonally.

# AIM :

To create a program for the game TIC TAC TOE

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# PROGRAM DESCRIPTION :

We started by creating the board it consisted of 9 equal parts which are numbered from 1 to 9. We ask the first player to make a move – to choose a position (from 1-9)

Which will be marked ‘X’. As the first player ends his turn by choosing a position, it’s now the second player’s chance –the player must choose a position (1-9) . It will be marked ’O’. Again, now it’s the first player’s move. Please note that if a player chooses an already chosen position it shows ‘INVALID MOVE’.

This continues till any one player manages to occupy adjacent positions horizontally, vertically or diagonally. The player who manages this will be awarded as the winner and the program terminates.

# PROGRAM INPUT :



