

# tic tac toe in CPP

int main()

sq[10]

0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9

player

1 2 3 4

i

1

choice

3 2 8 9

mark

X O X O X

if player == 1  
mark = X  
else mark = O

① choice == 3 && sq[3] == 3  
sq[3] = X  
② choice == 2 && sq[2] == 2  
sq[2] = O  
③ choice == 6 && sq[6] == 6  
sq[6] = X  
④ choice == 5 && sq[5] == 5  
sq[5] = O  
⑤ choice == 9 && sq[9] == 9  
sq[9] = X

if i == 1 → 1 == 1  
player 1 win

player : 1/2 1/2 → 1  
2/2 1/2 → 2  
1/2 1/2 → 1  
2/2 1/2 → 2  
1/2 1/2 → 1

check win()

i 1

when condition false  
return -1

when condition true  
return 1

sq[3] == sq[6] && sq[6] ==  
sq[9]  
return 1

board()

Tic Tac Toe

player 1 (x) - player 2 (o)

1 1 2 1 3  
4 1 5 1 6  
7 1 8 1 9

player 1 enter number - 3

1 1 2 1 X  
4 1 5 1 6  
7 1 8 1 9

player 2 enter number: 2

1 1 0 1 X  
4 1 5 1 6  
7 1 8 1 9

player 1 enter number: 6

1 1 0 1 X  
4 1 5 1 X  
7 1 8 1 9

Player 2 enter  
number - 5

board()

1	1	0	1	X
<hr/>				
4	1	0	1	X
<hr/>				
7	1	8	1	9

player 2 enter number  
: 9

1	1	0	1	X
<hr/>				
4	1	0	1	X
<hr/>				
7	1	8	1	X

player 1 win ..