C++ Programming

Multidimensional Arrays

Homework 3: Tic Tac Toe
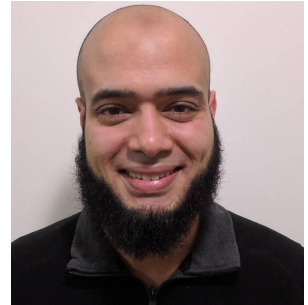
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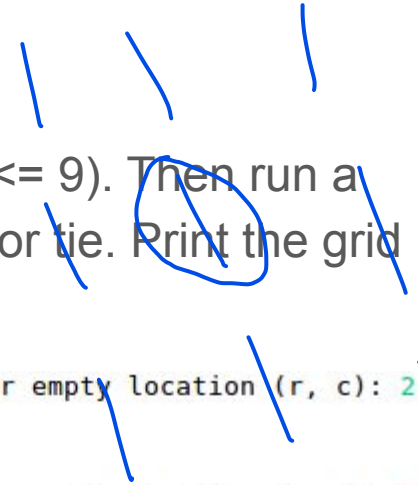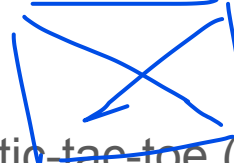*Bachelor / Msc* from Cairo University - Egypt
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NxN tic-tac-toe

0 = .   1 = X   2 = o

- Read integer N for the dimension of tic-tac-toe (3 <= N <= 9). Then run a game of 2 users who keep playing till one of them wins or tie. Print the grid after each round. Checkout below

```
3
Player x turn. Enter empty location (r, c): 1 1
x..
...
...
Player o turn. Enter empty location (r, c): 3 1
x..
...
o..
Player x turn. Enter empty location (r, c): 2 2
x..
.x.
o
```

```
Player o turn. Enter empty location (r, c): 2 1
x..
ox.
o..
Player x turn. Enter empty location (r, c): 2 2
Invalid input. Try again
Player x turn. Enter empty location (r, c): 5 5
Invalid input. Try again
Player x turn. Enter empty location (r, c): 3 3
x..
ox.
o.x
Player x won
|
```

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."