

# Tic-Tac-Toe

Thursday, August 3, 2023

12:57 PM

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

```
run??
```

```
input("Would you like to go first? (y/n)")
```

Computer turn:

```
import random
```

```
cpuMove = random.randint(1, 9)
```

Display board as a list in three rows

```
board = [1, 2, 3, 4, 5, 6, 7, 8, 9]
```

```
for i in range(1, 4):
```

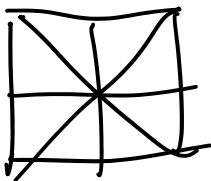
```
    print(board[i*3-3:i*3])
```

↑

0-3 → 3-6 → 6-9

1. create board as list
2. choose who goes first
  - a. on your turn, select 1-9
    - print board with list appended
    - check for win
  - b. on computer turn, random 1-9
    - make sure it hasn't been picked
    - print board with appended list
    - check for win

To check for wins...



8 possible wins  
for X and O

16 total outcomes

