Python Concepts

## List Comprehension

end\_obj = [snake\_coordinates for snake.coordinates in self.board.snakes]

## List Unpacking

Aka "Splat" operator?

d = {'a': 1, 'b': 2}

def foo(a, b):

pass

foo(\*\*d)

Unfortunately, unpacking can't be usd in list comprehension:

Ex / collision\_coordinates = [\*snake.coordinates for snake in self.board.snakes]

Supposedly the solution is nested list comprehension:

collision\_coordinates = [snake\_coordinate for snake in self.board.snakes for snake\_coordinate in snake.coordinates]

==

collision\_coordinates = []  
for snake in board.snakes:  
 for snake\_coordinate in snake.coordinates:  
 collision\_coordinates = collision\_coordinates + snake\_coordinate