CSc 120
Introduction to Computer Programming II

CODE Mystery
Discussion
09/15/2017
def find_max(poke_stats):
    max_stats = {'total': None, 'hp': None, 'attack': None, 'defense': None, 'specialattack': None, 'specialdefense': None, 'speed': None}
    i = 0
    for stat in max_stats:
        max = 0
        for type in poke_stats:
            temp_dict = {}
            if(poke_stats[type][i] > max):
                temp_dict.update({type: poke_stats[type][i]})
                max_stats[stat] = temp_dict
                max = poke_stats[type][i]
            i += 1

    return(max_stats)
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    return (max_stats)

Q: How do stat and i relate?
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    return (max_stats)

Q: In what order are these keys generated?
dictionaries

In what order are keys from a dictionary generated?

```python
>>> d = { 'total': 1, 'hp': 2, 'attack': 3 }
>>> for k in d:
    print(k)
```

Let's check on two different Python versions.

```python
hp
attack
total
```