

# 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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*Q: How do stat and i relate?*

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```

**Q: In what order are these keys generated?**

# dictionaries

😊 In what order are keys from a dictionary generated?

```
>>>
```

```
>>> d = { 'total': 1, 'hp': 2, 'attack': 3 }
```

```
>>>
```

```
>>> for k in d:  
    print(k)
```



```
hp
```

```
attack
```

```
total
```

```
>>>
```



😊 Let's check on two different Python versions.