Project 1: Building “Pokemon Stay”

A lesson in patience

Parsing Pokemon Pokedex Pardonably

```
import numpy as np

for index, value in enumerate(pokedex):

    for i,n in enumerate(value):

        try:
            n = float(n)
            pokedex[index][i] = n

        except:
            pass
```

“Ask for forgiveness not permission”

Python coding style

Dictionary comprehension nested in dictionary comprehension nested in project 1 question 9….nest

Write a function that recreates the pokedex you made before, but with the data read in from the full pokemon file. The `PokedexNumber` should be used as the `pokemon_id` key values for the dictionary of pokemon.

Your function should:

1. Take the parsed pokedex information you created above as an argument.
2. Return a dictionary in the same format as your original pokedex you created before containing the information from the parsed full pokedex file.

```
pokedex_dict = {k:{inner_key:inner_value for inner_key,inner_value in zip(header,v)} for k,v in enumerate(data, start=1)}
```

```
def pokemon_finder(pokemon_id):
    for i in pokedex_dict:
        if pokemon_id == pokedex_dict[i]['PokedexNumber']:
            print(str(pokedex_dict[i].items()))
```

```
pokemon_finder(6)
```

```
dict_items([('PokedexNumber', 6.0), ('Name', 'Charizard'), ('Type', 'FireFlying'), ('Total', 534.0), ('HP', 78.0), ('Attac
k', 84.0), ('Defense', 78.0), ('SpecialAttack', 109.0), ('SpecialDefense', 85.0), ('Speed', 100.0)])
dict_items([('PokedexNumber', 6.0), ('Name', 'CharizardMega Charizard X'), ('Type', 'FireDragon'), ('Total', 634.0), ('HP',
78.0), ('Attack', 130.0), ('Defense', 111.0), ('SpecialAttack', 130.0), ('SpecialDefense', 85.0), ('Speed', 100.0)])
dict_items([('PokedexNumber', 6.0), ('Name', 'CharizardMega Charizard Y'), ('Type', 'FireFlying'), ('Total', 634.0), ('HP',
78.0), ('Attack', 104.0), ('Defense', 78.0), ('SpecialAttack', 159.0), ('SpecialDefense', 115.0), ('Speed', 100.0)])
```

Q&A