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import os, pickle

# user input to build a dictionary within a dictionary
# also saves files

def open_file():
    try:
        file_object = open('animals.pydata', 'rb')
        animals = pickle.load(file_object)
        file_object.close()
    except:
        # return an empty dictionary
        animals = {}
    return animals

def close_file():
    try:
        file_object = open('animals.pydata', 'wb')
        pickle.dump(animals, file_object)
        file_object.close()
        print("\nSuccess! Your rando animals list has been saved\n")
    except Exception as e:
        print(e)
        print("\n\tSorry, something went wrong and the list is not saved")

def print_list():
    if len(animals) > 0:
        # loop over the list on the main key
        for anim_ty, anim_information in animals.items():
            print("\nThe type of animal is %s" % (anim_ty))
            # loop over each dictionary in the line and print them after checking the key
            for key in anim_information:
                if key == "name":
                    print("\tThe name is %s" % anim_information[key])
                if key == "color":
                    print("\tThe color is %s" % anim_information[key])
                if key == "temperament":
                    print("\tThe temperament is %s" % anim_information[key])
    else:
        print("There is nothing here yet")

# main
# if file is there open and load else create empty dictionary

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animals = open_file()

# control the looping
flag = True
# this will keep running until flag = False
while flag:
    anim_ty = input("\nType of animal? ")
    anim_n = "name"
    anim_name = input("Name of animal? ")
    anim_c = "color"
    anim_color = input("Color of animal? ")
    anim_te = "temperament"
    anim_temp = input("What is the temperment? ")

    animals.update({anim_ty : {anim_n: anim_name, anim_c : anim_color, anim_te :
anim_temp}}})
    # ask for more?
    finish_check = input("\tAre you done? Enter 'y' or 'n' ")
    finish_check = finish_check.lower()
    if (finish_check == 'y'):
        flag = False;

# finish up

close_file()
print_list()
```