

Working With Arrays

Coding Challenge #1

Julia and Kate are doing a study on dogs. So each of them asked 5 dog owners about their dog's age, and stored the data into an array (one array for each). For now, they are just interested in knowing whether a dog is an adult or a puppy. A dog is an adult if it is at least 3 years old, and it's a puppy if it's less than 3 years old.

Your tasks:

Create a function `checkDogs`, which accepts 2 arrays of dog's ages (`dogsJulia` and `dogsKate`), and does the following things:

1. Julia found out that the owners of the **first** and the **last two** dogs actually have cats, not dogs! So create a shallow copy of Julia's array, and remove the cat ages from that copied array (because it's a bad practice to mutate function parameters)
2. Create an array with both Julia's (corrected) and Kate's data
3. For each remaining dog, log to the console whether it's an adult (*"Dog number 1 is an adult, and is 5 years old"*) or a puppy (*"Dog number 2 is still a puppy 🐶"*)
4. Run the function for both test datasets

Test data:

- Data 1: Julia's data [3, 5, 2, 12, 7], Kate's data [4, 1, 15, 8, 3]
- Data 2: Julia's data [9, 16, 6, 8, 3], Kate's data [10, 5, 6, 1, 4]

Hints: Use tools from all lectures in this section so far 🤔

GOOD LUCK 😊