Your first Challenge

You will start from our current Pet app, and continue adding important functionality, by the end of this session you will feel more comfortable with the basic concepts of Angular and we will be able to go deeper.

Improve our pet-search custom pipe

- Add the ability to filter awake pipes
- In the pipe:
  - Instead of getting a letter, get a *filterBy* object: {letter: '', showAwake: false}
  - Implements the logic to filter by both

PetsFilterComponent

- Implement a new component that allows the user to filter the list
- Move the letter-selector inside this new component
- Render the component in the PetListComponent
- Propagate the letter-selector (select) event up as a *filterBy* object
- Add a checkbox so we can toggle between showing awake / sleeping pets

Note: you will experience the pipe purity, fix it by making a clone of the list in PetService

List Filtering

A **B** C D E F G H I J K

☐ Show Awake

- Banian

☐ Awake?

- Baba

☐ Awake?