AfL - Exit Ticket

Prerequisite Knowledge for Trees

- Basic data structures and types (int, string, lists)
- OOP: classes, objects and methods
- Implement basic algorithms
- Recursion (note: tree implementations do not require recursion, but it does make it simpler. I'm assuming I am teaching trees after recursion. But the lesson could be altered so that recursion is not required knowledge if needed).

Exit Ticket

1.	Define a class Pet that contains the following fields: name, species, age, and weight.
2.	Define a class PetShop that consists of a list of Pet.
3.	Write a method for the PetShop class that returns the mean age of all the pets at the pet shop using recursion .
4.	Write a program that creates one PetShop and multiple Pet objects (your choice of pets) and prints the mean age of the pets at the pet shop.