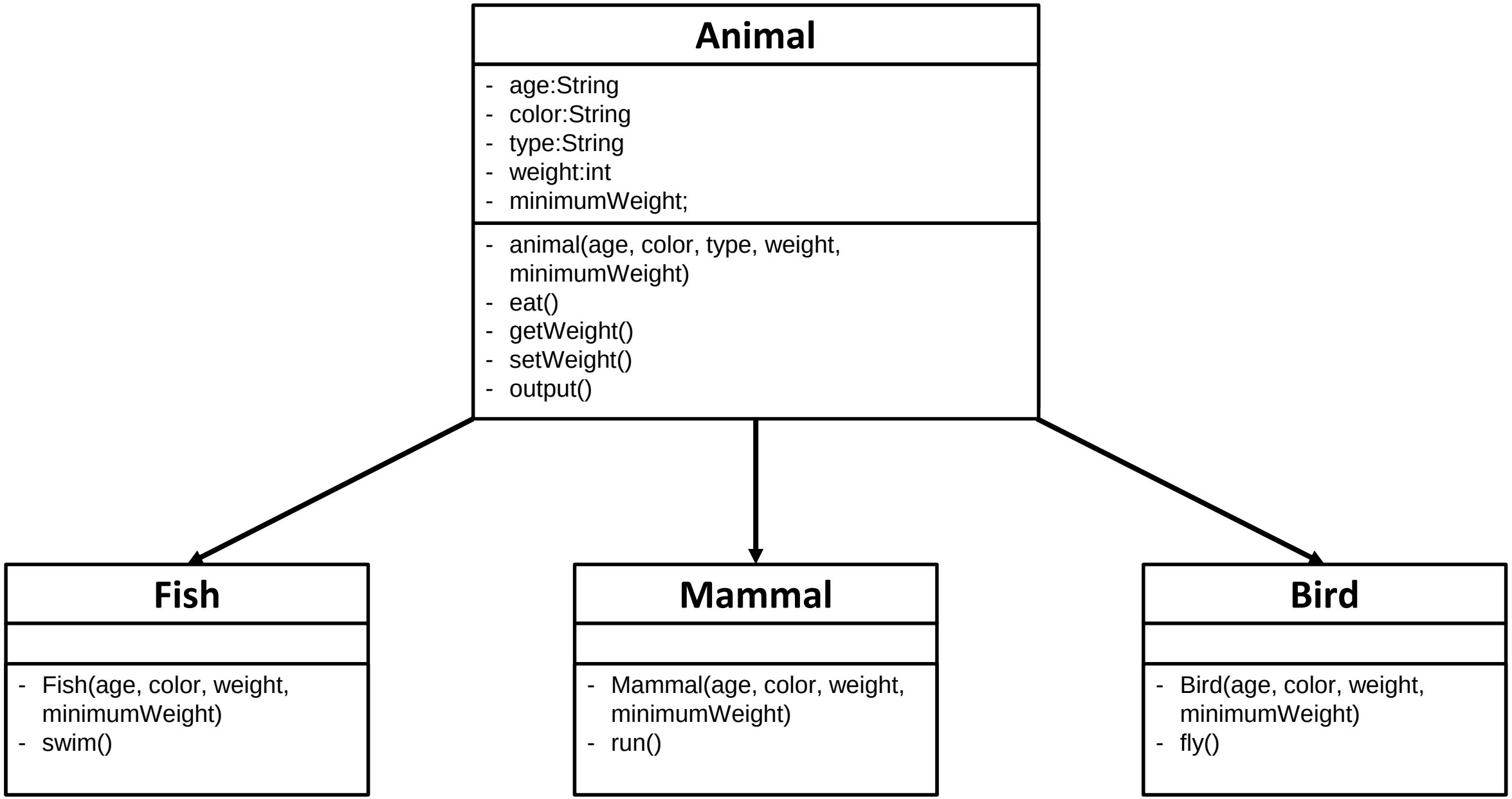
First assignment

1. Get and install:
   - Java: http://www.oracle.com/technetwork/java/javaee/downloads/index.html
   - Eclipse: https://www.eclipse.org/downloads/eclipse-packages/ (pick the one for Java EE)
2. Install GIT Plugin (EGit @ Eclipse Marketplace)
3. Create a GITHub account if you don't have one
4. Watch Lynda.com *Git Essential Training* tutorial
5. Create the structure displayed on the next slide in Java (each box is a class, Animal is the superclass for the others, only use the fields and methods displayed)


Animal
- age:String
- color:String
- type:String
- weight:int
- minimumWeight;
- animal(age, color, type, weight, minimumWeight)
- eat()
- getWeight()
- setWeight()
- output()
Fish
- Fish(age, color, weight, minimumWeight)
- swim()
Mammal
- Mammal(age, color, weight, minimumWeight)
- run()
Bird
- Bird(age, color, weight, minimumWeight)
- fly()

6. Program the following functionality:

   Create a main class that creates some mammal, bird and fish objects each with a different initial weight. Store those objects in a Vector of animals. Let each of the animals eat (weight + 1) and move (weight - 1 for fish and mammals, weight – 2 for bird). Watch out for the minimum specific weight of each object. Print the final result for all objects through the output method in the animal class.

7. Create a repository called ***YourPittID_HelloAnimals***
8. Make your project public and send me the URL or invite me to the repository as a collaborator:
   - My GitHub user name is **alexandernolte**
   - My GitHub email is **anolte@pitt.edu**
9. Upload your code to GIT Hub until January 11 @ 11:59pm