

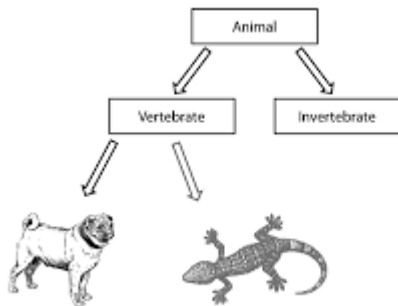
AP Computer Science



Mr Hanley



Class work/Homework: Person Hierarchy



Create a java project, work with a partner. Each student should have their own file.

Implement a superclass **Person**. Make two classes, **Student** and **Instructor**, inherit from **Person**. A Person has a name and a year of birth. A student has a major, and an instructor has a salary. Write the class definitions, the constructors, and the methods toString for all classes. Supply a test program that tests these classes and methods.

Project Name	Person Hierarchy
Class 1 Name	Person
Class 2 Name	Student
Class 3 Name	Instructor
Class 4 Name	Tester

Rubric	
Done	20

*Memory *Big O Notation *Stacks *Extreme Programming *Selection Sort *Insertion Sort *Waterfall Model

String * Arrays * ArrayList * Client Server * Artificial Intelligence * Inheritance * Files * Video Games * Short circuit evaluation *

* Recursion * Linear Search * Binary Search * Grid World Case Study * File Processing * nlogn * Hangman *

* Dynamic