

CS 162P

Programming Lab 6A

For this exercise, you will create two of the classes required for Lab 6 Part B and test in it in Main.

Program Description

Create a module `Person.py` that contains a `Person` class. The `Person` class should have private variables for `firstName`, `lastName`, and `age`. The `__init__` should set these either to values passed in or to the default values `""`, and zero. The class should also have setters and getters for all variables.

Create a module `Employee.py` that contains an `Employee` class. The class should include a `Person` using class composition. The `__init__` should have three parameters, `firstName`, `lastName` and `age`. It should create its `Person` using those values. Use default values of `""` and 0 if no arguments are provided when creating an `Employee`. It should have two methods that return data from the `Person` using its getters: `getEmployeeName` returning `firstName`, space, `lastName` and `getEmployeeAge` returning the age.

Main should create two `Persons`. The first should have default names and ages and for the second you should input a name and age before defining the `Person`. Test that the setters and getters properly work.

Main should then create an `Employee` and verify that it works properly.