1. Due Date
2. **Monday, March 6, 2023**
3. 11:59 PM
4. Points Possible
5. **100**
6. Anonymous Grading
7. **Anonymous grading is currently turned on for this assignment. To remain anonymous, do not include your name or other identifying information in your assignment submission.**
8. Create a Jupyter notebook called CS196-a4.ipynb  
   **DO NOT INCLUDE YOUR NAME ANYWHERE IN THIS FILE OR IN FILENAME**In this notebook you should have the following:
   * Create the following class hierarchy
     + Younger
       - should have a method greet() that prints dap me up!!
     + Older
       - should have a method greet() that prints hello :)
     + CS
       - should have a class attribute dept = "Computer Science"
     + PS
       - should have a class attribute dept = "Psychology"
     + Person
       - should have a method \_\_init\_\_(self,name): self.name=name
     + Student (inherits from Person and from Younger)
       - should have a method greet() that
         * prints f"You greet {self.name}"
         * calls the parent's greet() method
     + Instructor (inherits from Person and from Older)
       - should have a method greet() that
         * prints f"You greet Prof. {self.name}"
         * calls the parent's greet() method
     + CSStudent (inherits from Student and CS)
     + PSStudent (inherits from Student and PS)
     + CSInstructor (inherits from Instructor and CS)
     + PSInstructor (inherits from Instructor and PS)
   * Add the following code in a separate cell:  
     student1=CSStudent('Lilian') student2=PSStudent('Kail') prof1=CSInstructor('V') prof2=PSInstructor('Tsoi')  
     student1.greet() print(student1.name,'is in',student1.dept) student2.greet() print(student2.name,'is in',student2.dept) prof1.greet() print('Dr.',prof1.name,'is in',prof1.dept) prof2.greet() print('Dr.',prof2.name,'is in',prof2.dept)
9. Add docstrings and comments (and/or markdown) where appropriate.  
   Code will be evaluated for:
   * code is written and works as intended (e.g., correct calls, correct output, no errors)
   * clean/efficient code (e.g., no unnecessary code)
   * naming conventions (e.g., class names are UpperCamelCase)
   * readability (e.g., meaningful names, separation of code into separate cells)
   * documentation (e.g., docstrings, comments, argument type specification)
   * click "View Rubric" on blackboard under this assignment for more details
10. Execute all cells in this notebook, save, and upload the notebook on blackboard.  
    **Output expected in this notebook:**You greet Lilian  
    dap me up!!!  
    Lilian is in Computer Science  
    You greet Kail  
    dap me up!!! ❌  
    Kail is in Psychology  
    You greet Prof. V  
    hello :)  
    Dr. V is in Computer Science  
    You greet Prof. Tsoi  
    hello :) ❌  
    Dr. Tsoi is in Psychology