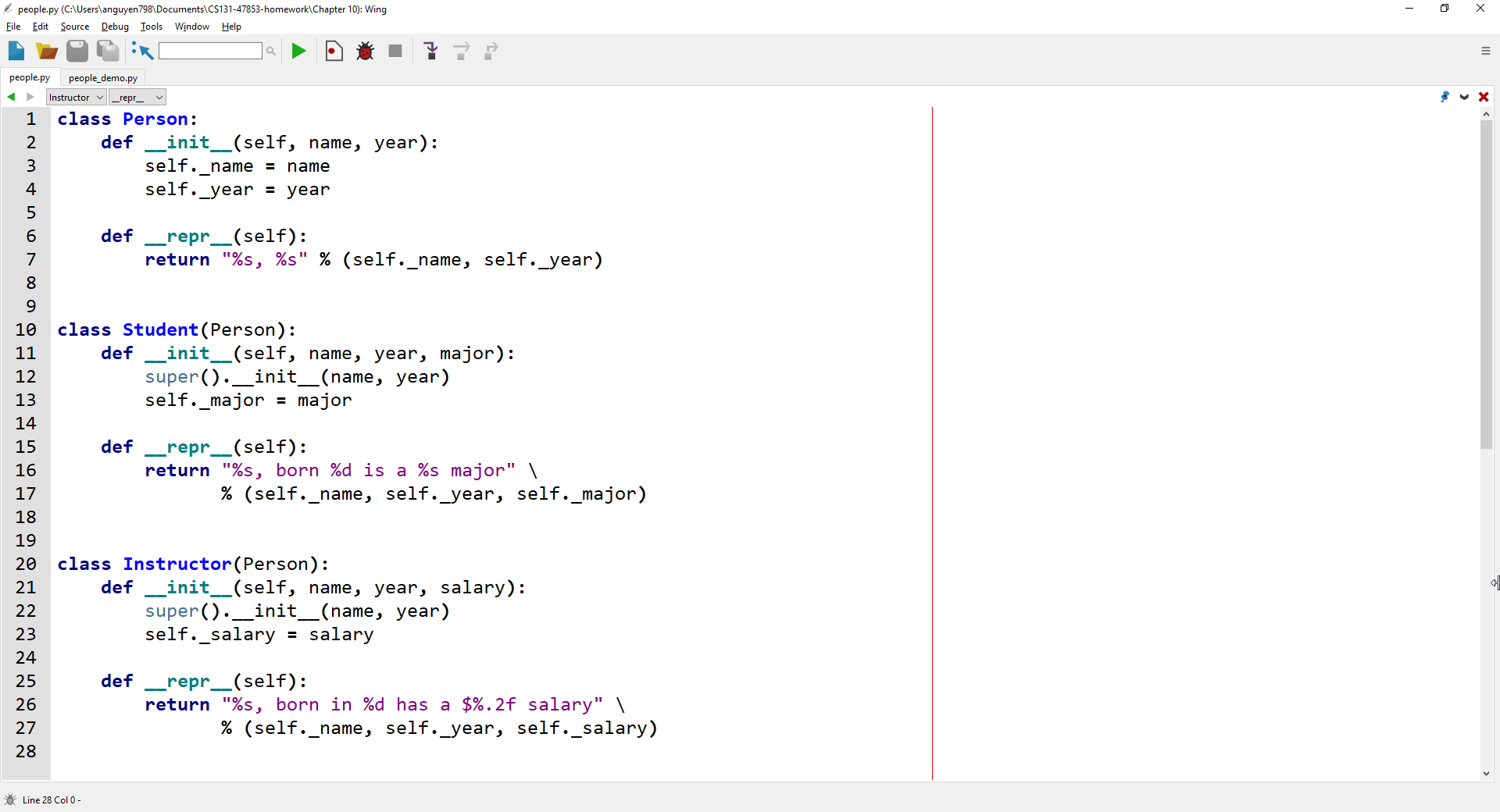
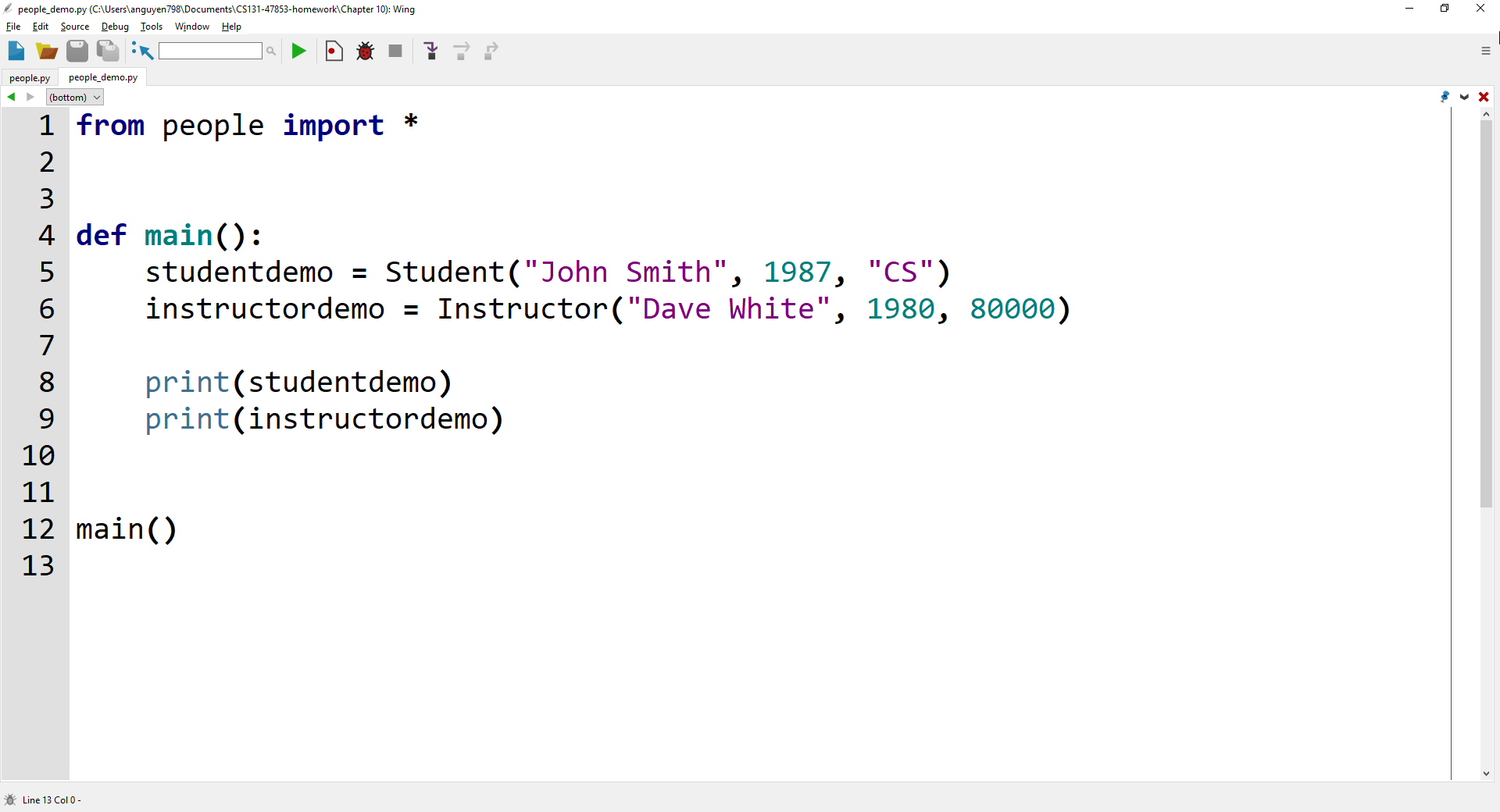
**Lab 10**

**Lab 10 - Code**

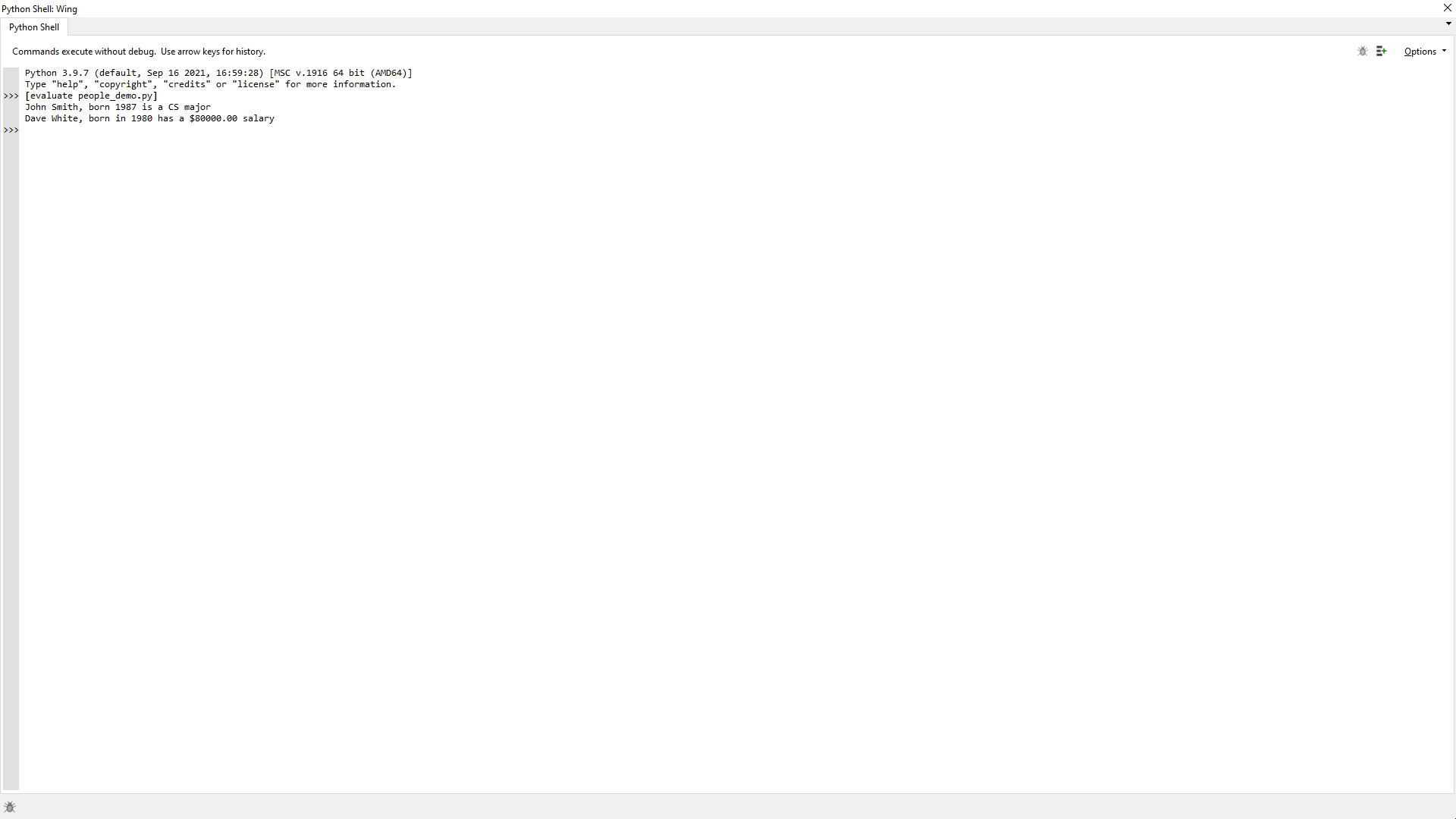
**people.py**

****

**people\_demo.py**

****

**Lab 10 - Output**



**Lab 10 – Written Code**

**people.py**

class Person:

    def \_\_init\_\_(self, name, year):

        self.\_name = name

        self.\_year = year

    def \_\_repr\_\_(self):

        return "%s, %s" % (self.\_name, self.\_year)

class Student(Person):

    def \_\_init\_\_(self, name, year, major):

        super().\_\_init\_\_(name, year)

        self.\_major = major

    def \_\_repr\_\_(self):

        return "%s, born %d is a %s major" % (self.\_name, self.\_year, self.\_major)

class Instructor(Person):

    def \_\_init\_\_(self, name, year, salary):

        super().\_\_init\_\_(name, year)

        self.\_salary = salary

    def \_\_repr\_\_(self):

        return "%s, born in %d has a $%.2f salary" % (self.\_name, self.\_year, self.\_salary)

**people\_demo.py**

from people import \*

def main():

    studentdemo = Student("John Smith", 1987, "CS")

    instructordemo = Instructor("Dave White", 1980, 80000)

    print(studentdemo)

    print(instructordemo)

main()