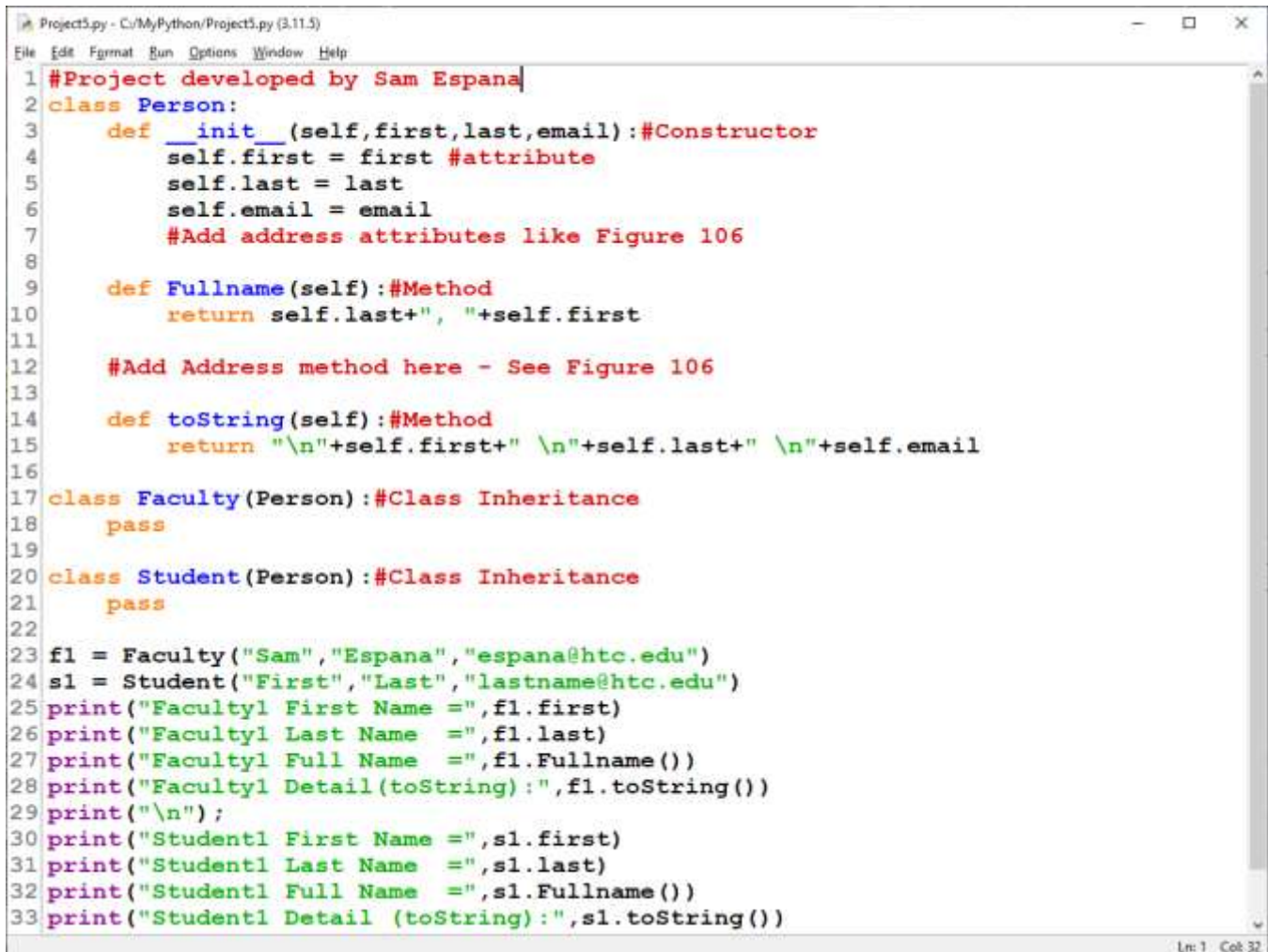


ITEC 1505 Fundamentals of Programming with Python
Fall 2023
Project #5 – Due Friday, November 17, 2023

Name:

STEPS

- 1) Launch Python IDLE. Select File, New File (Ctrl + N). Then, type the program below.



```
1 #Project developed by Sam Espana
2 class Person:
3     def __init__(self, first, last, email): #Constructor
4         self.first = first #attribute
5         self.last = last
6         self.email = email
7         #Add address attributes like Figure 106
8
9     def Fullname(self): #Method
10        return self.last+", "+self.first
11
12    #Add Address method here - See Figure 106
13
14    def toString(self): #Method
15        return "\n"+self.first+" \n"+self.last+" \n"+self.email
16
17 class Faculty(Person): #Class Inheritance
18     pass
19
20 class Student(Person): #Class Inheritance
21     pass
22
23 f1 = Faculty("Sam", "Espana", "espana@htc.edu")
24 s1 = Student("First", "Last", "lastname@htc.edu")
25 print("Faculty1 First Name =", f1.first)
26 print("Faculty1 Last Name =", f1.last)
27 print("Faculty1 Full Name =", f1.Fullname())
28 print("Faculty1 Detail (toString):", f1.toString())
29 print("\n");
30 print("Student1 First Name =", s1.first)
31 print("Student1 Last Name =", s1.last)
32 print("Student1 Full Name =", s1.Fullname())
33 print("Student1 Detail (toString):", s1.toString())
```

- 2) Replace s1 student information with your name and email (fake email OK). Then, run program.
- 3) Add attributes the Person class to include street, city, state, and zip code. Add Address method.
- 4) Modify your program to ensure you display all attributes for address using toString (Figure 107)
- 5) Take a screenshot of your output and Save as **Project5.jpg**

Note: Upload both your Python file (Project5.py) and screenshot file (Project5.jpg) to D2L.

EXTRA CREDIT (20 points)

Modify the Faculty class to add Department (ITEC)
Modify the Student class to add Major (Your major).