# CIST 2742

# Python Programming

**LAB #10 – *40 Points***

**Instructions**: A local warehouse needs a new program to calculate their employees pay based on the shift they work.

Steps:

* Include Header below:

*# Class: CIST 2742 Python Programming I  
# Term: Fall 2022  
# Instructor: Chris Bishop  
# Description: Solution to Lab #X  
# Author: (Student Name Here)  
#  
# By turning in this code, I Pledge:  
# 1. That I have completed the programming assignment independently.  
# 2. I have not copied the code from a student or any source.  
# 3. I have not given my code to any student.*

* Create a file named emp.py
  + Create a class called Employee that will hold the following information:
    - Employee Name
    - Employee number
  + Create a class called ProductionWorker(is a subclass of Employee) that will hold the following information:
    - Shift number (1 for morning, 2 for evening, 3 for overnight)
    - Hourly pay rate
  + Each of these classes need to have the appropriate get and set methods.
* On the main.py
  + Ask user for name, id, shift, and hourly rate
  + Based on shift entered, adjust the hourly rate for shift 2 and 3 as follows:
    - shift 2 gets .50 more per hour and shift 3 gets 1.00 more per hour
  + Create an instance of ProductionWorker
  + Display information – name, id, shift and hourly rate

Execute the program and take screen capture of output.

Submit screen capture and python(py) file/code via blackboard.

**Sample result:**

