Lab 7 – The Office, Season 2

SUBMIT original code in Python to solve the problem below.

Please be aware that copying and pasting code from any other source other than code you have explicitly written on your own is considered plagiarism. If you receive help, that is fine (document help in the comments of your code) however you need to write your own code, name your own variables, and comment your own code. Students turning in the exact same work as another student will all be given zeros. Plagiarism is not tolerated, and students found to be plagiarizing will be given a zero and reported to the University with the possibility of termination of the class and degree program.

Note: Lab 7 is used and expanded in lab 10. If you do not complete lab 7, you will not be able to complete lab 10.

For this lab you will modify your class from Lab 6. Add the following attributes/methods to your worker class.

The worker should have the following new attributes:

- Hourly salary
- Overtime hourly salary

And the following new methods:

- **set_hourly_salary(x)**
  - Sets the worker's hourly salary.
  - If the salary given is less than zero, return false, else, return true
- **set_overtime_salary(x)**
  - Sets the worker's overtime salary.
  - If the salary given is less than zero, return false, else, return true
- **get_hourly_salary()**
  - Returns the worker's hourly salary
- **get_overtime_salary()**
  - Returns the worker's overtime salary
- **get_pay()**
  - Returns the worker's total pay
  - Pay is: (hours_worked * hourly_salary) + (overtime * overtime_salary)

You do not need to round or truncate your output. Name your class Worker and save your program as Lab7.py and upload just your class file to the appropriate dropbox in GradeScope, ***NOT D2L!***

REMEMBER

- Include the comment heading at the top of your code.
  - `# Program Name: Lab1.py (use the name the program is saved as)`
  - `# Course: IT1114/Section XXX`
  - `# Student Name: John Doe`
  - `# Assignment Number: Lab#`
  - `# Due Date: xx/xx/ 20XX`
  - `# Purpose: What does the program do (in a few sentences)?`
  - `# List specific resources used to complete the assignment.`

- Place comments within your code explaining the programming segments