# **Pre-Lab Write Up**

Name: JeongGyu Tak

Lab: Lab 3

1. Describe in English what this program is supposed to do (not how it does it). This should be able to be your class comment at the top of your program:

The program will prompt the user to input the number of employees. It will then ask for the employee's name and how they are paid, whether they receive a salary or are paid hourly. If the worker is paid a salary, they will need to input the amount. If the worker is paid hourly, they will need to input their pay rate and the number of hours they worked. The program will then calculate and display the gross and net pay. This process will be repeated foreach employee until sufficient number of employees has done the process.

1. List the separate tasks needed to accomplish what you described in part 1. This should be the individual methods you are going to have in your program:
2. Ask number of workers and their name.
3. Ask each of their contract type.
4. Calculate gross for salaried.
5. Calculate gross for hourly.
6. Calculate net pay from gross.
7. For each of the tasks in part 2, describe in English what they are supposed to do (not how they do it). Additionally, note any information each of the tasks need to accomplish their goal as well as any information they need to give back. These should be able to be used as your method comments in your program:
8. Ask number of workers and their name from user.
9. Ask each of their contract type from user.
10. Calculate gross for salaried should be the same as salary.
11. Calculate gross for hourly considering overtime.
12. Calculate net pay from gross considering tax rate.
13. For each of the tasks in part 3, give a brief description in English of how you plan to accomplish the task. This should be almost pseudo-code, but it should all be in English instead of having the code like structure:
14. Ask number of workers and their name from user.
    1. Ask user his name.
    2. Return its value.
15. Ask each of their contract type from user.
    1. Ask user the contract type.
    2. Return its value.
16. Calculate gross for salaried should be the same as salary.
    1. Returns its salary as gross.
17. Calculate gross for hourly considering overtime.
    1. If its overtime subtracts the time he worked overtime and multiply 1.5
    2. Add it up on full time.
    3. Return its gross.
18. Calculate net pay from gross considering tax rate.
    1. Subtract the tax rate from 1 and multiply gross.
    2. Return the net pay.