Karl Shane Pakilit ITE 13 – AB4

**ITE 13 – PROBLEM SET 1**

To provide transparency of your code to the company, you are required to submit the following to the company’s senior developer.

1. **A documentation of the variables used**. This documentation should provide the variable names used as well as a description on what they represent.

2. **A documentation of the flowchart followed**. This documentation should present the flowchart and a brief explanation on process involved in the flowchart.

3. **The C source code** with comments explaining each line of the code.

1. **Documentation of the variable used**
2. **experience**

*data type:* int

*description:*

stores the value of years of experience of the employee in the company.

1. **incentive**

*data type:* float

*description:*

stores the total incentive not deducted by tax.

1. **avg\_ovrtm**

*data type:* float

*description:*

stores the value of the average overtime of employee in past three months.

1. **tax\_deduction**

*data type:* float

*description:*

stores the value of deducted to incentive.

1. **deducted\_incentive**

*data type:* float

*description:*

stores the value oftotal incentive deducted by tax.

1. **three\_month\_ovrtm**

*data type:* int <array of size 3>

*description:*

this array stores the total overtime of employee in past three months.

|  |  |
| --- | --- |
| **Index** | **Value** |
| 0 | First Month Total Overtime |
| 1 | Second Month Total Overtime |
| 2 | Third Month Total Overtime |

1. **A documentation of the flowchart followed**