

3. Loop to prompt for "Net Income" and "Allowance" and terminate when input value of "Net Income" is 0.

Sample Input & Output

Enter Salary Income (max 100000000): 10000

Enter Allowance (max 1000000): 10000

Tax Payable : \$ 0.00

No Payment is required.

Enter Salary Income (max 100000000): 99000000

Enter Allowance (max 1000000): 0

Tax Payable : \$ 14850000.00

***** Fourteen Million Eight Hundred and Fifty Thousand Dollars.

Enter Salary Income (max 100000000): 123456

Enter Allowance (max 1000000): 5432

Tax Payable : \$ 7412.88

***** Seven Thousand Four Hundred and Thirteen Dollars.

Enter Salary Income (max 100000000): 100000001

!!!! Invalid Income Value!!

Enter Salary Income (max 100000000): 100000000

Enter Allowance (max 1000000): 1000001

!!!! Invalid Allowance Value!!

Enter Allowance (max 1000000): 1000000

Tax Payable : \$ 15000000.00

***** Fifteen Million Dollars.

Enter Salary Income (max 100000000): 100000

Enter Allowance (max 1000000): 10000

Tax Payable : \$ 4050.00

***** Four Thousand and Fifty Dollars.

Enter Salary Income (max 100000000): 800000

Enter Allowance (max 1000000): 125000

Tax Payable : \$ 101250.00

***** One Hundred and One Thousand Two Hundred and Fifty Dollars.

Enter Salary Income (max 100000000): 0

Goodbye.

Additional Library

In addition to `<iostream>` and `<iomanip>`, your program may include `<string>`.

```
// Example :
#include <iostream>
#include <string>
// :
    string  string1 = "Hello ";
    string  string2 = "World";
    string1 = string1 + string2;
    cout << string1 << endl;      // output : Hello World
```

What and How to Submit:

You are required to submit a complete C++ program in one file to **PASS**.

You can test your program on **PASS** with VS2015. You can submit as many times as you want before the deadline. We will use the latest version of your file for grading.

Only a small set of test cases are available for testing. And a more comprehensive set of test cases are used for grading. In other words, passing all cases in the test does not mean your program is 100% correct. So, try your best to thoroughly test your program by yourself.

Grading:

There are two aspects: **Correctness** (8 marks), and **Style** (2 marks).

This assignment is worth 5% of the whole course.

Correctness:

PASS is used to grade for correctness, and see how many test cases are correct with your program.

Note that if your program cannot be compiled on **PASS**, you will get **ZERO** mark for this part.

Style:

Your source code will be checked for

- meaningful identifiers
- named constants
- clear control structures with indentation
- adequate and useful comments