Intro to Programing Logic  
CIS125-33004

**Part1** - Good set of test data suggestion:

Call Center Bonus – Customer call completion of 1000 customer support calls in under 10 minutes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Last Name | First Name | Salary | # of Calls < 10 mins. Per week | Pay plus Bonus |
| Williams | Billy | 1000 | 1002 | 1050.00 |
| Lucky | Larry | 1000 | 999 | 1000.00 |

**Part 2** – The Flowchart

Start

Compute: if qualifiedCalls is >= 1000 then:

salPlusBonus = salary + ( qualifiedCalls \* bonusAmount )

else if qualifiedCalls is < 1000 then:

salPlusBonus = salary

Return to input to get the next record

YES

EOF?

STOP

Ouput:

lastName

salPlusBonus

Declarations - Get Record - input:

string lastName -from/equals “Last Name” field

num salary -from/equals “Salary” field

num bonusAmount = 50.00

num qualifiedCalls -from/equals “# of calls < 10 mins.” Field

num salPlusBonus