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Lab 3

Pseudocode

START

include iostream, iomanip

using namespace std

int main()

double EXC\_TAX = 39, CAP\_TRADE = 10, FEDEXC\_TAX = 18.4

const double SALES\_TAX = 0.08, PROFIT = 0.065

double cost, total, total\_cost, total\_profit

cout < "The amount it cost you per gallon the last time you put gas in your car: "

cin > cost

total = (cost \* EXC\_TAX ) \* SALES\_TAX

total\_cost = total - cost

total\_profit = ( total - cost) \* PROFIT

cout < setprecision (3) < fixed

cout < " Company Profit: " < setw (9) < total\_cost < endl

cout < " Government Profit: " < setw (6) < total\_profit < endl

END

Flowchart

START

END

Govt. Profit

Company Profit

total\_profit = ( total - cost) \* PROFIT

total = (cost \* EXC\_TAX ) \* SALES\_TAX

total\_cost = total - cost

The amount it cost you per gallon the last time you put gas in your car

Declare variables EXC\_TAX = 39, CAP\_TRADE = 10, FEDEXC\_TAX = 18.4, SALES\_TAX = 0.08, PROFIT = 0.065, cost, total, total\_cost, total\_profit