//Program to compute state income tax.

#include <iostream>

using namespace std;

//This program outputs the amount of state income tax due computed

//as follows: no tax on income up to $15,000; 5% on income between

//$15,001 and $25,000; 10% on income over $25,000.

int main()

{

int net\_income;

double tax\_bill;

double five\_percent\_tax, ten\_percent\_tax;

cout << "Enter net income (rounded to whole dollars) $";

cin >> net\_income;

if (net\_income <= 15000)

tax\_bill = 0;

else if ((net\_income > 15000) && (net\_income <= 25000))

//5% of amount over $15,000

tax\_bill = (0.05 \* (net\_income - 15000));

else // net\_income > $25,000

{

//five percent\_tax = 5% of income from $15,000 to $25,000.

five\_percent\_tax = 0.05 \* 10000;

//ten\_percent\_tax = 10% of income over $25,000.

ten\_percent\_tax = 0.10 \* (net\_income - 25000);

tax\_bill = five\_percent\_tax + ten\_percent\_tax);

}

cout.setf(ios::fixed);

cout.setf(ios::showpoint);

cout.precision(2);

cout << "Net income = $" << net\_income << endl

<< "Tax bill = $" << tax\_bill << endl;

return 0;

}