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Program 3

SE 114.11

PURPOSE: Write a program which will help sales personnel determine the amount to

charge customers for items purchased.

Develop a program which will ask the user to enter the number of items purchased,

the price of the item and the sales tax rate.

VARIABLE DICTIONARY

REPRESENTS VARIABLE

Cost of Items cost\_of\_items

Number of Items number\_of\_items

Price of Item price\_of\_item

Sales Tax sales\_tax

Tax as Decimal tax\_decimal

Tax Rate tax\_rate

Total Cost total\_cost

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#include <iostream>

using namespace std;

double number\_of\_items;

double price\_of\_item;

double tax\_rate;

int main()

{

system("cls");

cout << "Please Enter:" << endl << endl;

cout << "Number of items purchased: =====>";

cin >> number\_of\_items;

cout << "Price:==========================>";

cin >> price\_of\_item;

cout << "Sales Tax Rate: ================>";

cin >> tax\_rate;

cout << endl;

double cost\_of\_items = number\_of\_items \* price\_of\_item;

double tax\_decimal = tax\_rate / 100;

double sales\_tax = cost\_of\_items \* tax\_decimal;

double total\_cost = cost\_of\_items + sales\_tax;

cout << "Cost of Items: " << cost\_of\_items << endl;

cout << "Sales Tax: " << sales\_tax << endl;

cout << "Total Amount Due: " << total\_cost << endl;

system("PAUSE");

return 0;

}