

Hipster's Local Vinyl Records - Customer Order Details

Enter the customer's name: *Joe Cool*

Enter the distance in kilometers for delivery: *4.5*

Enter the cost of records purchased: *129.95*

Purchase summary for Joe Cool

Delivery Cost: \$67.50

Purchase Cost with tax: \$148.14

Total Cost: \$215.64

Process finished with exit code 0

Hipster's Local Vinyl Records - Customer Order Details

Enter the customer's name: *Peter Vaughan*

Enter the distance in kilometers for delivery: *12*

Enter the cost of records purchased: *259.99*

Purchase summary for Peter Vaughan

Delivery Cost: \$180.00

Purchase Cost with tax: \$296.39

Total Cost: \$476.39

Hipster's Local Vinyl Records - Customer Order Details

Enter the customer's name: *Joe Coolest*

Enter the distance in kilometers for delivery: *7.5*

Enter the cost of records purchased: *129.95*

Purchase summary for Joe Coolest

Delivery Cost: \$112.50

Purchase Cost with tax: \$148.14

Total Cost: \$260.64

## Pseudocode

### Output:

Hipster's Local Vinyl Records - Customer Order Details

Enter the customer's name:

Wait for input: customerFirstName, customerLastName;

Enter the distance in kilometers for delivery:

Wait for input: deliveryDistance;

Enter the cost of records purchased:

Wait for input: purchase;

### Calculations

### Output

Purchase summary for customerFirstName, customerLastName;

Delivery Cost: \$ delivery cost;

Purchase Cost with tax: \$ purchase and tax;

Total Cost: \$ total cost;

```

#include <iostream>
using namespace std;
#include<cstdio>

int main() {
    cout << "\n Hipster's Local Vinyl Records - Customer Order Details\n";

    char customerFirstName[200], customerLastName[200];
    double deliveryDistance, purchase, deliveryCost, purchaseAndTax, totalPurchase;

    //enter a name with a space in it
    cout << " Enter the customer's name: ";
    cin >> customerFirstName;
    cin >> customerLastName;

    cout << "Enter the distance in kilometers for delivery: ";
    cin >> deliveryDistance;

    cout << "Enter the cost of records purchased: ";
    cin >> purchase;

    deliveryCost = deliveryDistance * 15;
    purchaseAndTax = purchase * 1.14;
    totalPurchase = purchaseAndTax + deliveryCost;

    //use only to second decimal place
    cout << "\n Purchase summary for " << customerFirstName << " " << customerLastName;
    cout << "\n Delivery Cost: $";
    printf("%.2f", deliveryCost);
    cout << "\n Purchase Cost with tax: $";
    printf("%.2f", purchaseAndTax);
    cout << "\n Total Cost: $";
    printf("%.2f", totalPurchase);
    cout << "\n";
    return 0;
}

```