

Produce.h

```
#include <iostream>
#include <string>

using namespace std;

class Produce {
protected:
    string name, origin;
    double unitPrice;
public:
    Produce();
    Produce(string nameIn, string originIn, double price);
    void setValues(string nameIn, string originIn, double price);
    string getName();
    string getOrigin();
    double getUnitPrice();
    double getPrice(double lbs);
    void display();
};

ostream& operator<<(ostream& out, Produce RHS);
```

Produce.cpp

```
#include "Produce.h"

using namespace std;

Produce::Produce() {
    // Default values
    name = "No name input";
    origin = "No origin input";
    unitPrice = 0;
}

Produce::Produce(string nameIn, string originIn, double price) {
    // Values passed are stored into data members of Produce
    name = nameIn;
    origin = originIn;
    unitPrice = price;
}

void Produce::setValues(string nameIn, string originIn, double price) {
    // Values passed are stored into data members of Produce
    name = nameIn;
    origin = originIn;
    unitPrice = price;
}

string Produce::getName() {
    return name;
}
```

```

}

string Produce::getOrigin() {
    return origin;
}

double Produce::getUnitPrice() {
    return unitPrice;
}

double Produce::getPrice(double lbs) {
    // Price is the number of pounds times the price per unit
    return unitPrice * lbs;
}

void Produce::display() {
    // Displays the name, origin, and price per unit of Produce
    cout << name << " from " << origin << " costs: " << unitPrice << endl;
}

ostream& operator<<(ostream& out, Produce RHS) {
    // Displays the name, origin, and price per unit of Produce
    return out << RHS.getName() << " from " << RHS.getOrigin() << " costs: " <<
RHS.getUnitPrice();
}

```