

Chris Taylor  
Chapter 3 C++  
Exercise 02

```
#include <iostream>
#include <iomanip>

using namespace std;

int main()
{
    const double A_SEAT_COST = 15.0;
    const double B_SEAT_COST = 12.0;
    const double C_SEAT_COST = 9.0;

    int aSeatCount, bSeatCount, cSeatCount;
    double aSeatSales, bSeatSales, cSeatSales;

    cout << "How many A seats? ";
    cin >> aSeatCount;
    cout << "How many B seats? ";
    cin >> bSeatCount;
    cout << "How many C seats? ";
    cin >> cSeatCount;

    aSeatSales = aSeatCount * A_SEAT_COST;
    bSeatSales = bSeatCount * B_SEAT_COST;
    cSeatSales = cSeatCount * C_SEAT_COST;

    cout << endl << "Sales:" << endl;
    cout << setprecision(2) << fixed;
    cout << "A sales: $" << aSeatSales << endl;
    cout << "B sales: $" << bSeatSales << endl;
    cout << "C sales: $" << cSeatSales << endl;
    cout << "Total: $" << aSeatSales + bSeatSales + cSeatSales <<
endl;
    return 0;
}
```

```
BU158-iMAC03:CH03 squall$ ./a.out
How many A seats? 44
How many B seats? 33
How many C seats? 22

Sales:
A sales: $660.00
B sales: $396.00
C sales: $198.00
Total: $1254.00
```