// Gavin Garner CS 317

// Stadium Seating

// This program determines income based on ticket sales

#include <iostream>

#include <iomanip>

using namespace std;

int main()

{

float classA = 15, classB = 12 , classC = 9;

float salesA, salesB, salesC;

cout << "This program will determine income based on ticket sales.\n\n";

cout << "Enter the amount of Class A tickets sold: ";

cin >> salesA;

cout << "\nEnter the amount of Class B tickets sold: ";

cin >> salesB;

cout << "\nEnter the amount of Class C tickets sold: ";

cin >> salesC;

cout << setprecision(2) << fixed;

float totalA = salesA \* classA,

totalB = salesB \* classB,

totalC = salesC \* classC,

totalAmount = totalA + totalB + totalC;

cout << "\nClass A tickets generated $" << totalA << endl;

cout << "Class B tickets generated $" << totalB << endl;

cout << "Class C tickets generated $" << totalC << endl;

cout << "\nThe total amount generated is $"<< totalAmount << endl;

return 0;

}

