

Use the format below for turning in all your programs.

Add a comment section at the beginning that lists your name, homework/lab number, question number, brief description of what the program does, and the date.

You need to list both the source code (i.e., program listing) and a sample run.

### Source Code:

```
/*
 * Dr Hwang
 * Homework 2
 * Question 3
 * Display amount of money earned from stadium ticket sales
 * October 4, 2023
 */

#include <iostream>
using namespace std;

int main() {
    const float SectionA_price = 15;
    const float SectionB_price = 12;
    const float SectionC_price = 9;
    int SectionA_number;
    int SectionB_number;
    int SectionC_number;
    float income;

    cout << "How many tickets were sold for Section A? ";
    cin >> SectionA_number;
    cout << "How many tickets were sold for Section B? ";
    cin >> SectionB_number;
    cout << "How many tickets were sold for Section C? ";
    cin >> SectionC_number;
    income = (SectionA_number * SectionA_price) + (SectionB_number * SectionB_price) +
    (SectionC_number * SectionC_price);
    cout << "The total income from ticket sales is $" << income << endl;
}
```

### Sample Run:

```
How many tickets were sold for Section A? 100
How many tickets were sold for Section B? 10
How many tickets were sold for Section C? 9
The total income from ticket sales is $1701
```