```
Last login: Wed Sep 12 10:20:54 on ttys000
wc-dhcp8d151:~ fennec2000$ ssh qin@linprog5.cs.fsu.edu
                       -=-= AUTHORIZED USERS ONLY =-=-
You are attempting to log into a FSU Computer Science Department machine.
Please be advised by continuing that you agree to the terms of the
Computer Access and Usage Policy of the Department of Computer Science.
                       -=-= AUTHORIZED USERS ONLY =-=-

qin@linprog5.cs.fsu.edu's password:
Last login: Wed Sep 12 10:21:06 2018 from 10.132.8.151
            %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
            %                                    %
             %  DEPARTMENT OF COMPUTER SCIENCE  %
              %    Florida State University    %
             %                                  %
            %                                    %
            %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

           No mudding, IRC, or other games from here.
   Please get a private sector account for non-CS activities.

     See http://www.cs.fsu.edu for departmental information.
      See http://system.cs.fsu.edu for Systems information.
             Send email to help@cs.fsu.edu for help.


                           Attention!!

If you forward your CS email to your FSU emailbox, make sure your FSU
email address is up to date or you may miss important emails.

If you are over your disk or file quota, please check your CS email for
instruction on how to locate and remove files

To download Tectia, go to link https://system.cs.fsu.edu/ssh-tectia/.
If you are off FSU campus, use following ID to access the page:
User Name: sshcs
Password: letmedownloadit

For students: check your CS email at http://webmail2.cs.fsu.edu

qin@linprog5.cs.fsu.edu:~>ls -F
Mail/  README*  ticketsys.cpp  ticketsys.exe*
qin@linprog5.cs.fsu.edu:~>~vastola/usub/submit1 ticketsys.cpp
********************* File submitted *********************
   Here are the contents of your submitted file:
**********************************************************
/* Name: Caijun Qin
Date: 09/06/2018
Section: 6
Assignment: 1
Due Date: 09/12/2018
About this project:

This program serves as a price calculator to attend a
football game at Florida State University. The task is subdivided into
calculations of costs based the number of visitors from each of three age
brackets. The final cost includes these individual costs and the tax.
Assumptions: The user will only input whole integer values of 0 or greater.

All work below was performed by Caijun Qin */





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

int main()
{
    //set ticket prices per person based on age bracket
    const double adultPrice = 28.50;
    const double childPrice = 12.50;
    const double seniorPrice = 16.50;

    //the tax percentage in decimal form
    const double taxRate = 0.07;

    //number of people in each age bracket
    int numAdult = 0;
    int numChild = 0;
    int numSenior = 0;

    cout << "***FSU Football Ticket Calculator*** \n";
    cout << "Please enter the number of: \n";

    cout << "\t Adults \n";
    cout << "\t Children(up to age 9) \n";
    cout << "\t Seniors(55+) \n";

    //asks the user how many tickets by age bracket to purchase
    cout << "Adults -->";
    cin >> numAdult;
    cout << "\n";

    cout <<  "Children -->";
    cin >> numChild;
    cout << "\n";

    cout << "Seniors -->";
    cin >> numSenior;

    cout << "\n";

    cout << "-----------------------------";

    cout << "\n";

    //defines variables for the pre-tax total, tax amount, and total with tax
    double totalPreTax = adultPrice*numAdult + childPrice*numChild + seniorPrice*numSenior;
    double taxAmount = taxRate*totalPreTax;
    double totalCost = totalPreTax + taxAmount;

    //prints out the pre-tax total, the tax amount, and total with tax
    cout << fixed << setprecision(2) << "TOTAL (before tax) = $" << totalPreTax << "\n";
    cout << fixed << setprecision(2) << "Tax = $" << taxAmount << "\n";
    cout << fixed << setprecision(2) << "TOTAL COST (after tax) = $" << totalCost << "\n";

    //thank you ending statement
    cout << "\n";
    cout << "Thanks for using the ticket system! \n";

    return 0;
}




********************* END FEEDBACK ***********************
*    PLEASE VIEW ABOVE TO VERIFY THE CONTENTS OF         *
*              YOUR SUBMITTED FILE                       *
**********************************************************
qin@linprog5.cs.fsu.edu:~>
```