

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

I only screenshotted the outputs for Free Birds 3:30, a few of the outputs for Beethoven 5:30, and all of the outputs for the admin page. I wasn't sure if we were supposed to screenshot the code also, but it was around 600 lines so I figured it would be easier to put it in a text document/notepad instead.

```
C:\WINDOWS\system32\cmd.exe

-----
(1) Free Birds      3:30      6:00
(2) Bethooven      5:30      7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
5
Please input either 1 or 2.

-----
(1) Free Birds      3:30      6:00
(2) Bethooven      5:30      7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
```

```
-----
(1) Free Birds      3:30      6:00
(2) Bethooven      5:30      7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
1
Pick a movie time for Free Birds. 3:30 or 6:00: 3:30

How many adult tickets would you like to buy: 3
How many child tickets would you like to buy: 2
Your total cost was: $26

Seats 1  2  3  4  5  6  7  8
Row 1 *  *  *  *  *  *  *  *
Row 2 *  *  *  *  *  *  *  *
Row 3 *  *  *  *  *  *  *  *
Row 4 *  *  *  *  *  *  *  *
Row 5 *  *  *  *  *  *  *  *
Row 6 *  *  *  *  *  *  *  *
Row 7 *  *  *  *  *  *  *  *

What seat position for person 1?
Row(1-7):
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
What seat position for person 1?
Row(1-7): 2
Column(1-8): 2
```

```
What seat position for person 2?
Row(1-7): 2
Column(1-8): 3
```

```
What seat position for person 3?
Row(1-7): 2
Column(1-8): 4
```

```
What seat position for person 4?
Row(1-7): 2
Column(1-8): 5
```

```
What seat position for person 5?
Row(1-7): 2
Column(1-8): 6
```

```
Seats 1 2 3 4 5 6 7 8
Row 1 * X X X X X * *
Row 2 X # # # # # X *
Row 3 * X X X X X * *
Row 4 * * * * * * * *
Row 5 * * * * * * * *
Row 6 * * * * * * * *
Row 7 * * * * * * * *
```

```
Pick a movie time for Free Birds. 3:30 or 6:00: 3:30
```

```
How many adult tickets would you like to buy: 1
```

```
How many child tickets would you like to buy: 0
```

```
Your total cost was: $6
```

```
Seats 1 2 3 4 5 6 7 8
Row 1 * X X X X X * *
Row 2 X # # # # # X *
Row 3 * X X X X X * *
Row 4 * * * * * * * *
Row 5 * * * * * * * *
Row 6 * * * * * * * *
Row 7 * * * * * * * *
```

```
What seat position for person 1?
Row(1-7): 5
Column(1-8): 5
```

```
Seats 1 2 3 4 5 6 7 8
Row 1 * X X X X X * *
Row 2 X # # # # # X *
Row 3 * X X X X X * *
Row 4 * * * * X * * *
Row 5 * * * X # X * *
Row 6 * * * * X * * *
Row 7 * * * * * * * *
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
-----
(1) Free Birds      3:30      6:00
(2) Bethooven       5:30      7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
2

Pick a movie time for Bethooven. 5:30 or 7:30: 5:30

How many adult tickets would you like to buy: 1

How many child tickets would you like to buy: 4

Your total cost was: $22

Seats 1  2  3  4  5  6  7  8
Row 1 *  *  *  *  *  *  *  *
Row 2 *  *  *  *  *  *  *  *
Row 3 *  *  *  *  *  *  *  *
Row 4 *  *  *  *  *  *  *  *
Row 5 *  *  *  *  *  *  *  *
Row 6 *  *  *  *  *  *  *  *
Row 7 *  *  *  *  *  *  *  *

What seat position for person 1?
Row(1-7):
```

```
-----
(1) Free Birds      3:30      6:00
(2) Bethooven       5:30      7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
-99

ADMINISTRATOR ONLY
(1) Tickets Sold
(2) Ticket Sales/Profits
(3) Back to Movie Options
(4) Shut Down Program
```

```
Please pick a movie to attend (1-2):
-99

ADMINISTRATOR ONLY
(1) Tickets Sold
(2) Ticket Sales/Profits
(3) Back to Movie Options
(4) Shut Down Program
1
Free Birds 3:30 Total Tickets Sold: 9
Free Birds 6:00 Total Tickets Sold: 7
Bethooven 5:30 Total Tickets Sold: 5
Bethooven 7:30 Total Tickets Sold: 5
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
-----
(1) Free Birds      3:30    6:00
(2) Bethooven       5:30    7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
-99

ADMINISTRATOR ONLY
(1) Tickets Sold
(2) Ticket Sales/Profits
(3) Back to Movie Options
(4) Shut Down Program
2
Free Birds 3:30 Total Tickets Sales: $44
Free Birds 6:00 Total Tickets Sales: $52
Bethooven 5:30 Total Tickets Sales: $22
Bethooven 7:30 Total Tickets Sales: $36
```

```
-----
(1) Free Birds      3:30    6:00
(2) Bethooven       5:30    7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
-99

ADMINISTRATOR ONLY
(1) Tickets Sold
(2) Ticket Sales/Profits
(3) Back to Movie Options
(4) Shut Down Program
3
```

```
-----
(1) Free Birds      3:30    6:00
(2) Bethooven       5:30    7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
```

```
-----
(1) Free Birds      3:30    6:00
(2) Bethooven       5:30    7:30
-----

Adult Tickets are: $6.00 (matinee before 6:00pm) $8.00 (evening)
Child Tickets are: $4.00 (matinee before 6:00pm) $6.00 (evening)

Please pick a movie to attend (1-2):
-99

ADMINISTRATOR ONLY
(1) Tickets Sold
(2) Ticket Sales/Profits
(3) Back to Movie Options
(4) Shut Down Program
4

Press any key to continue . . .
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3 Movies
```

```
#include <iostream>
#include <stdlib.h>
```

```
using namespace std;
```

```
void movieName ();
void admin ();
```

```
char freeBird330[7][8] =
{{ '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*',
 '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*'
 '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*',
 '*', '*', '*', '*' } };
```

```
char freeBird600[7][8] =
{{ '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*',
 '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*'
 '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*',
 '*', '*', '*', '*' } };
```

```
char Bethooven530[7][8] =
{{ '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*',
 '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*'
 '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*',
 '*', '*', '*', '*' } };
```

```
char Bethooven730[7][8] =
{{ '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*',
 '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*'
 '*', '*', '*', '*', '*' }, { '*', '*', '*', '*', '*', '*', '*', '*' }, { '*', '*', '*', '*',
 '*', '*', '*', '*' } };
```

```
int totalTicketsGlob = 0;
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
int adultTicketsGlob = 0;
int childTicketsGlob = 0;
int moneyTotal = 0;
int moneyTotalAdult = 0;
int moneyTotalChild = 0;

int totalTicketsGlob600 = 0;
int adultTicketsGlob600 = 0;
int childTicketsGlob600 = 0;
int moneyTotal600 = 0;
int moneyTotalAdult600 = 0;
int moneyTotalChild600 = 0;

int totalTicketsGlob530 = 0;
int adultTicketsGlob530 = 0;
int childTicketsGlob530 = 0;
int moneyTotal530 = 0;
int moneyTotalAdult530 = 0;
int moneyTotalChild530 = 0;

int totalTicketsGlob730 = 0;
int adultTicketsGlob730 = 0;
int childTicketsGlob730 = 0;
int moneyTotal730 = 0;
int moneyTotalAdult730 = 0;
int moneyTotalChild730 = 0;

int main() {
    while(true) {
        cout << "\n";
        movieName();
    }
}
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
void movieName (){
    string movieName = " ";
    string movieTime = " ";

    cout << "-----" << endl;
    cout << "(1) Free Birds      3:30      6:00" << endl;
    cout << "(2) Bethooven      5:30      7:30" << endl;
    cout << "-----" << endl;
    cout << "\nAdult Tickets are: $6.00 (matinee before 6:00pm) $8.00
(evening)" << endl;
    cout << "Child Tickets are: $4.00 (matinee before 6:00pm) $6.00
(evening)" << endl;

    cout << "\nPlease pick a movie to attend (1-2): " << endl;
    cin >> movieName;

//IF statements w/ arrays:
    if(movieName == "1"){
        cout << "\nPick a movie time for Free Birds. 3:30 or 6:00: ";
        cin >> movieTime;

        if(movieTime == "3:30"){
            int adultTickets = 0;
            int childTickets = 0;
            //Adult Tickets
            cout << "\nHow many adult tickets would you like to buy: ";
            cin >> adultTickets;

            moneyTotalAdult = adultTickets * 6;
            adultTicketsGlob += adultTickets;

            //Child Tickets
            cout << "\nHow many child tickets would you like to buy: ";
            cin >> childTickets;

            moneyTotalChild = childTickets * 4;
            childTicketsGlob += childTickets;
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    //Total Tickets
    totalTicketsGlob = adultTickets + childTickets;

    moneyTotal = moneyTotalAdult + moneyTotalChild;

    cout << "\nYour total cost was: $" << moneyTotal << endl;

    int totalTickets = adultTickets + childTickets;

    for(int i = 0; i < 7; i++){
        for(int j = 0; j < 8; j++){
            if(j == 0 && i == 0){
                cout << "\nSeats 1  2  3  4  5  6  7  8\n";
            }
            if(j == 0){
                cout << "Row " << i + 1 << " ";

            }

            cout << freeBird330[i][j] << " ";

            if(j == 7){
                cout << "\n";

            }

        }
    }

    for (int i = 0; i < totalTickets; i++){
        int row = 0;
        int column = 0;
        cout << "\nWhat seat position for person " << i+1 << "? "
<< endl;

        cout << "Row(1-7): ";
        cin >> row;
        cout << "Column(1-8): ";
        cin >> column;
```


// Jason Bamberg
// jrbamberg@my.athens.edu
// 00104266
// Project 3

```
        freeBird330[row - 1][column - 1] = '#';  
    }  
  
    // Column and rows, covid detection system  
    // i = row  
    // j = column  
    // left - right - up - down  
    for(int i = 0; i < 7; i++){  
        for(int j = 0; j < 8; j++){  
            if(freeBird330[i][j] == '#'){  
                if(j != 0){  
                    if(freeBird330[i-1][j] != '#'){  
                        freeBird330[i-1][j] = 'X';  
                    }  
                }  
  
                if(j != 7){  
                    if(freeBird330[i+1][j] != '#'){  
                        freeBird330[i+1][j] = 'X';  
                    }  
                }  
  
                if(i != 0){  
                    if(freeBird330[i][j-1] != '#'){  
                        freeBird330[i][j-1] = 'X';  
                    }  
                }  
  
                if(i != 6){  
                    if(freeBird330[i][j+1] != '#'){  
                        freeBird330[i][j+1] = 'X';  
                    }  
                }  
            }  
        }  
    }  
}
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
        for(int i = 0; i < 7; i++){
            for(int j = 0; j < 8; j++){
                if(j == 0 && i == 0){
                    cout << "\nSeats 1  2  3  4  5  6  7  8\n";
                }
                if(j == 0){
                    cout << "Row " << i + 1 << " ";
                }

                cout << freeBird330[i][j] << " ";

                if(j == 7){
                    cout << "\n";
                }
            }
        }

    }

else if(movieTime == "6:00"){
    int adultTickets = 0;
    int childTickets = 0;
    //Adult Tickets
    cout << "\nHow many adult tickets would you like to buy: ";
    cin >> adultTickets;

    moneyTotalAdult600 = adultTickets * 8;
    adultTicketsGlob600 += adultTickets;

    //Child Tickets
    cout << "\nHow many child tickets would you like to buy: ";
    cin >> childTickets;

    moneyTotalChild600 = childTickets * 6;
    childTicketsGlob600 += childTickets;
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    //Total Tickets
    totalTicketsGlob600 = adultTickets + childTickets;

    moneyTotal600 = moneyTotalAdult600 + moneyTotalChild600;

    cout << "\nYour total cost was: $" << moneyTotal600 << endl;

    int totalTickets = adultTickets + childTickets;

    for(int i = 0; i < 7; i++){
        for(int j = 0; j < 8; j++){
            if(j == 0 && i == 0){
                cout << "\nSeats 1  2  3  4  5  6  7  8\n";
            }
            if(j == 0){
                cout << "Row " << i + 1 << " ";

            }

            cout << freeBird600[i][j] << " ";

            if(j == 7){
                cout << "\n";

            }

        }
    }

    for (int i = 0; i < totalTickets; i++){
        int row = 0;
        int column = 0;
        cout << "\nWhat seat position for person " << i+1 << "? "
<< endl;

        cout << "Row(1-7): ";
        cin >> row;
        cout << "Column(1-8): ";
```

```
// Jason Bamberg
// jrbamberg@my.athens.edu
// 00104266
// Project 3
```

```
        cin >> column;
        freeBird600[row - 1][column - 1] = '#';
    }

    // Column and rows, covid detection system
    // i = row
    // j = column
    // left - right - up - down
    for(int i = 0; i < 7; i++){
        for(int j = 0; j < 8; j++){
            if(freeBird600[i][j] == '#'){
                if(j != 0){
                    if(freeBird600[i-1][j] != '#'){
                        freeBird600[i-1][j] = 'X';
                    }
                }

                if(j != 7){
                    if(freeBird600[i+1][j] != '#'){
                        freeBird600[i+1][j] = 'X';
                    }
                }

                if(i != 0){
                    if(freeBird600[i][j-1] != '#'){
                        freeBird600[i][j-1] = 'X';
                    }
                }

                if(i != 6){
                    if(freeBird600[i][j+1] != '#'){
                        freeBird600[i][j+1] = 'X';
                    }
                }
            }
        }
    }
}
```

```
// Jason Bamburg
// jbamburg@my.athens.edu
// 00104266
// Project 3
```

```
        for(int i = 0; i < 7; i++){
            for(int j = 0; j < 8; j++){
                if(j == 0 && i == 0){
                    cout << "\nSeats 1  2  3  4  5  6  7  8\n";
                }
                if(j == 0){
                    cout << "Row " << i + 1 << " ";
                }

                cout << freeBird600[i][j] << " ";

                if(j == 7){
                    cout << "\n";
                }

            }
        }
    }
    else{
        cout << "Please input a correct movie time.";
    }
}

else if(movieName == "2"){
    cout << "\nPick a movie time for Bethooven. 5:30 or 7:30: ";
    cin >> movieTime;

    if(movieTime == "5:30"){
        int adultTickets = 0;
        int childTickets = 0;
        //Adult Tickets
        cout << "\nHow many adult tickets would you like to buy: ";
        cin >> adultTickets;
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    moneyTotalAdult530 = adultTickets * 6;
    adultTicketsGlob530 += adultTickets;

    //Child Tickets
    cout << "\nHow many child tickets would you like to buy: ";
    cin >> childTickets;

    moneyTotalChild530 = childTickets * 4;
    childTicketsGlob530 += childTickets;

    //Total Tickets
    totalTicketsGlob530 = adultTickets + childTickets;

    moneyTotal530 = moneyTotalAdult530 + moneyTotalChild530;

    cout << "\nYour total cost was: $" << moneyTotal530 << endl;

    int totalTickets = adultTickets + childTickets;

    for(int i = 0; i < 7; i++){
        for(int j = 0; j < 8; j++){
            if(j == 0 && i == 0){
                cout << "\nSeats 1  2  3  4  5  6  7  8\n";
            }
            if(j == 0){
                cout << "Row " << i + 1 << " ";
            }

            cout << Bethooven530[i][j] << " ";

            if(j == 7){
                cout << "\n";
            }

        }
    }
}
```

```
// Jason Bamburg
// jbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    for (int i = 0; i < totalTickets; i++){
        int row = 0;
        int column = 0;
        cout << "\nWhat seat position for person " << i+1 << "? "
<< endl;

        cout << "Row(1-7): ";
        cin >> row;
        cout << "Column(1-8): ";
        cin >> column;
        Bethooven530[row - 1][column - 1] = '#';
    }

    // Column and rows, covid detection system
    // i = row
    // j = column
    // left - right - up - down
    for(int i = 0; i < 7; i++){
        for(int j = 0; j < 8; j++){
            if(Bethooven530[i][j] == '#'){
                if(j != 0){
                    if(Bethooven530[i-1][j] != '#'){
                        Bethooven530[i-1][j] = 'X';
                    }
                }

                if(j != 7){
                    if(Bethooven530[i+1][j] != '#'){
                        Bethooven530[i+1][j] = 'X';
                    }
                }

                if(i != 0){
                    if(Bethooven530[i][j-1] != '#'){
                        Bethooven530[i][j-1] = 'X';
                    }
                }

                if(i != 6){
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
        if(Bethooven530[i][j+1] != '#'){
            Bethooven530[i][j+1] = 'X';
        }
    }
}

for(int i = 0; i < 7; i++){
    for(int j = 0; j < 8; j++){
        if(j == 0 && i == 0){
            cout << "\nSeats 1  2  3  4  5  6  7  8\n";
        }
        if(j == 0){
            cout << "Row " << i + 1 << " ";
        }

        cout << Bethooven530[i][j] << "  ";

        if(j == 7){
            cout << "\n";
        }
    }
}

else if(movieTime == "7:30"){
```



```
// Jason Bamburg
// jbamburg@my.athens.edu
// 00104266
// Project 3
```

```
int adultTickets = 0;
int childTickets = 0;
//Adult Tickets
cout << "\nHow many adult tickets would you like to buy: ";
cin >> adultTickets;

moneyTotalAdult730 = adultTickets * 8;
adultTicketsGlob730 += adultTickets;

//Child Tickets
cout << "\nHow many child tickets would you like to buy: ";
cin >> childTickets;

moneyTotalChild730 = childTickets * 6;
childTicketsGlob730 += childTickets;

//Total Tickets
totalTicketsGlob730 = adultTickets + childTickets;

moneyTotal730 = moneyTotalAdult730 + moneyTotalChild730;

cout << "\nYour total cost was: $" << moneyTotal730 << endl;

int totalTickets = adultTickets + childTickets;

for(int i = 0; i < 7; i++){
    for(int j = 0; j < 8; j++){
        if(j == 0 && i == 0){
            cout << "\nSeats 1  2  3  4  5  6  7  8\n";
        }
        if(j == 0){
            cout << "Row " << i + 1 << " ";
        }

        cout << Bethooven730[i][j] << " ";

        if(j == 7){
            cout << "\n";
        }
    }
}
```

```
// Jason Bamburg
// jbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    }

    }

}

for (int i = 0; i < totalTickets; i++){
    int row = 0;
    int column = 0;
    cout << "\nWhat seat position for person " << i+1 << "? "
<< endl;

    cout << "Row(1-7): ";
    cin >> row;
    cout << "Column(1-8): ";
    cin >> column;
    Bethooven730[row - 1][column - 1] = '#';
}

// Column and rows, covid detection system
// i = row
// j = column
// left - right - up - down
for(int i = 0; i < 7; i++){
    for(int j = 0; j < 8; j++){
        if(Bethooven730[i][j] == '#'){
            if(j != 0){
                if(Bethooven730[i-1][j] != '#'){
                    Bethooven730[i-1][j] = 'X';
                }
            }

            if(j != 7){
                if(Bethooven730[i+1][j] != '#'){
                    Bethooven730[i+1][j] = 'X';
                }
            }

            if(i != 0){
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
        if(Bethooven730[i][j-1] != '#'){
            Bethooven730[i][j-1] = 'X';
        }
    }

    if(i != 6){
        if(Bethooven730[i][j+1] != '#'){
            Bethooven730[i][j+1] = 'X';
        }
    }
}

}

}

for(int i = 0; i < 7; i++){
    for(int j = 0; j < 8; j++){
        if(j == 0 && i == 0){
            cout << "\nSeats 1  2  3  4  5  6  7  8\n";
        }
        if(j == 0){
            cout << "Row " << i + 1 << " ";
        }

        cout << Bethooven730[i][j] << "  ";

        if(j == 7){
            cout << "\n";
        }

    }

}

}

else{
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
        cout << "Please input a correct movie time.";
    }
}

// ADMIN CALL
else if(movieName == "-99"){
    admin();

}
else{
    cout << "Please input either 1 or 2.";
}
}

// ADMIN FUNCTION
void admin(){
    string choice = " ";

    cout << "\nADMINISTRATOR ONLY" << endl;
    cout << "(1) Tickets Sold\n(2) Ticket Sales/Profits\n(3) Back to Movie
Options\n(4) Shut Down Program" << endl;
    cin >> choice;

    if(choice == "1"){
        cout << "Free Birds 3:30 Total Tickets Sold: " << totalTicketsGlob
<< endl;
        cout << "Free Birds 6:00 Total Tickets Sold: " <<
totalTicketsGlob600 << endl;
        cout << "Bethoven 5:30 Total Tickets Sold: " <<
totalTicketsGlob530 << endl;
        cout << "Bethoven 7:30 Total Tickets Sold: " <<
totalTicketsGlob730 << endl;

    }

    if(choice == "2"){
        cout << "Free Birds 3:30 Total Tickets Sales: $" << moneyTotal <<
endl;
```

```
// Jason Bamburg
// jrbamburg@my.athens.edu
// 00104266
// Project 3
```

```
    cout << "Free Birds 6:00 Total Tickets Sales: $" << moneyTotal600
<< endl;
    cout << "Bethooven 5:30 Total Tickets Sales: $" << moneyTotal530
<< endl;
    cout << "Bethooven 7:30 Total Tickets Sales: $" << moneyTotal730
<< endl;

}

if(choice == "3"){
    cout << "\n";
    movieName();
}

if(choice == "4"){
    abort();
}

}
```

// Jason Bamburg
// jbamburg@my.athens.edu
// 00104266
// Project 3

