



Concert Ticket Sell

กลุ่ม Projai

จัดทำโดย

นางสาวคงสิริ	ปานชื่น	รหัสนิสิต	6530200045
นางสาวทิพวรรณ	งบกระโทก	รหัสนิสิต	6530200193
นายชนพล	ยุราวรรณ	รหัสนิสิต	6530200215
นายวัชรพล	นาเมือง	รหัสนิสิต	6530200240
นางสาวปรีดา	เกษตรภิบาล	รหัสนิสิต	6530200690

คณะวิทยาศาสตร์ ศรีราชา มหาวิทยาลัยเกษตรศาสตร์ วิทยาเขตศรีราชา

Code

สามารถดู code เพิ่มเติมได้จาก <https://onlinegdb.com/sDurnlTaJ>

```
#include <iostream>
```

```
#include <string>
```

```
#include <fstream>
```

```
using namespace std;
```

```
class Profile{
```

```
public :
```

```
string idUser;
```

```
string firstName;
```

```
string lastName;
```

```
string phoneNumber;
```

```
string a;
```

```
string b;
```

```
string c;
```

```
string d;
```

```
void setProfile(){
```

```
    ofstream profile;
```

```
    profile.open("profile.txt");
```

```

cout<<"Enter your IDUser : ";

cin>>a ;

cout<<"Enter firstname : ";

cin>>b ;

cout<<"Enter lastname : ";

cin>>c ;

cout<<"Enter your numberphone : ";

cin>>d ;

profile << a<<"-"<< b<<"-"<< c<<"-"<< d<<endl;

profile.close();

}

void Name(string a , string b , string c , string d){

idUser = a ; firstName = b ; lastName = c ; phoneNumber = d ;

}

};

```

```

class Seat{

public :

int prices,p1,p2,p3,p4,c_name,day;

char num[5],name[30],date[10],tme[10];

void selectConcert()

{

```

```

ifstream np("con.txt");

cout<<("Name\t\tPrice seat")<<endl;

while (np>>name>>p1>>p2>>p3>>p4)

{

cout << name << "\t" << p1 << "\t" << p2 << "\t" << p3 << "\t" << p4 << endl;

}

cout<<"\n-----"<<endl;

cout<<("Choose number of name Concert : ");

cin>>c_name;

cout<<"Choose price seat : ";

cin>>prices;

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

if(c_name == 1)

{

ifstream mr("mr5.txt");

cout<<("Date\tTime")<<endl;

while (mr>>date>>tme)

{

cout << date << "\t" << tme << endl;

}

mr.close();

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

```

```

cout<<"Choose number of Date : ";

cin>>day;

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

}

else if(c_name == 2)

{

ifstream just("jb.txt");

cout<<("Date\tTime")<<endl;

while (just>>date>>tme)

{

cout << date << "\t" << tme << endl;

}

just.close();

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

cout<<"Choose number of Date : ";

cin>>day;

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

}

else if(c_name == 3)

{

ifstream bt("bts.txt");

cout<<("Date\tTime")<<endl;

```

```

while (bt>>date>>tme)

{

cout << date << "\t" << tme << endl;

}

bt.close();

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

cout<<"Choose number of Date : ";

cin>>day;

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

}

else if(c_name == 4)

{

ifstream cha("cp.txt");

cout<<("Date\tTime")<<endl;

while (cha>>date>>tme)

{

cout << date << "\t" << tme << endl;

}

cha.close();

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

cout<<"Choose number of Date : ";

cin>>day;

```

```
cout<<"-----"<<endl;
```

```
}
```

```
else if(c_name == 5)
```

```
{
```

```
ifstream bru("bm.txt");
```

```
cout<<("Date\tTime")<<endl;
```

```
while (bru>>date>>tme)
```

```
{
```

```
cout << date << "\t" << tme << endl;
```

```
}
```

```
bru.close();
```

```
cout<<"-----"<<endl;
```

```
cout<<"Choose number of Date : ";
```

```
cin>>day;
```

```
cout<<"-----"<<endl;
```

```
}
```

```
else if(c_name == 6)
```

```
{
```

```
ifstream tre("ts.txt");
```

```
cout<<("Date\tTime")<<endl;
```

```
while (tre>>date>>tme)
```

```
{
```

```

cout << date << "\t" << tme << endl;

}

tre.close();

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

cout<<"Choose number Date : ";

cin>>day;

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

}

else if(c_name == 7)

{

ifstream neo("nct.txt");

cout<<("Date\tTime")<<endl;

while (neo>>date>>tme)

{

cout << date << "\t" << tme << endl;

}

neo.close();

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

cout<<"Choose Date : ";

cin>>day;

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

}

```



```
np.close();

ofstream booking;

booking.open("Booking.txt",ios::app);

if (c_name == 1){

if (day == 1){

booking << "Maroon5 - seat :" << prices << " -13May 18.00-21.00";

}

else {

booking << "Maroon5 - seat :" << prices << " -14May 18.00-21.00";

}

}

else if (c_name == 2){

if (day == 1){

booking << "Justin Bieber - seat :" << prices << " -10Aprl 18.00-21.00";

}

else if (day == 2){

booking << "Justin Bieber - seat :" << prices << " -11Aprl 19.00-22.00";

}

else {

booking << "Justin Bieber - seat :" << prices << " -12Aprl 19.00-22.00";

}

}

}
```

```
else if (c_name == 3){

if (day == 1){

booking << "BTS - seat :" << prices << " -10May 18.00-21.00";

}

else if (day == 2){


booking << "BTS - seat :" << prices << " -11May 18.00-21.00";

}

else {

booking << "BTS - seat :" << prices << " -12May 16.00-19.00";

}

}

else if (c_name == 4){

if (day == 1){

booking << "Charlie Puth - seat :" << prices << " -12Oct 17.00-20.00";

}

else {

booking << "Charlie Puth - seat :" << prices << " -13Oct 18.00-21.00";

}

}

else if (c_name == 5){

if (day == 1){

booking << "Bruno Mars - seat :" << prices << " -16Fav 19.00-22.00";
```

```
}

else {

booking << "Bruno Mars - seat :" << prices << " -17Fav 19.00-22.00";

}

}

else if (c_name == 6){

if (day == 1){

booking << "Treasure - seat :" << prices << " -31Mar 17.00-20.00";

}

else if (day == 2){

booking << "Treasure - seat :" << prices << " -1Apir1 17.00-20.00";

}

else {

booking << "Treasure - seat :" << prices << " -2Apir1 16.00-19.00";

}

}

else {

if (day == 1){

booking << "NCT Dream - seat :" << prices << " -17Aug 17.00-20.00";

}

else if (day == 2){

booking << "NCT Dream - seat :" << prices << " -18Aug 18.00-21.00";
```

```
}
```

```
else {
```

```
booking << "NCT Dream - seat :" << prices << " -19Aug 19.00-22.00";
```

```
}
```

```
}
```

```
booking.close();
```

```
}
```

```
};
```

```
class Special{
```

```
public :
```

```
int hight_touch = 10000;
```

```
int photo = 5000;
```

```
int random = 500;
```

```
int choose;
```

```
float price;
```

```
void getGrift()
```

```
{
```

```
ofstream booking;
```

```
booking.open("Booking.txt",ios::app);
```

```
cout << "\n-----" <<endl;
```

```
cout << "Special Gift" << endl;

cout << "1.Highttouch 10000 Bath" << endl;

cout << "2.Photo with Artist 5000 Bath" << endl;

cout << "3.Random gift 500 Bath" << endl;

cout << "\n-----" << endl;

cout << "Enter the number of gift do you want.\n(if you don't want enter 0)"<<endl;

cout << "your choice : ";

cin >> choose;

if (choose == 1)

{

price = 10000;

booking << " -Special Highttouch : 10000 Bath." << endl;

}

else if (choose == 2)

{

price = 5000;

booking << " -Special Photo with Artist : 5000 Bath." << endl;

}

else if (choose == 3)

{

price = 500;

booking << " -Special Random gift : 500 Bath." << endl;
```

```

}

else if (choose == 0)

{

price = 0;

}

else

{

cout << "Enter the number of gift only." << endl;

}

booking.close();

}

};

class Final : public Profile, public Seat, public Special {

public:

float total;

float cal_total(){

total = prices + price ;

cout<<"Ticket total : "<<total<<"Bath"<<endl;

cout<<"\n-----\n";

}

```

```
void showGift(string gift);
```

```
void addComment(string cmd);
```

```
};
```

```
void Final :: showGift(string gift){
```

```
cout<<gift<<endl;
```

```
}
```

```
void Final :: addComment(string cmd){
```

```
cout<<"-----\n";
```

```
cout<<"Additional to seller : " <<cmd<<endl;
```

```
cout<<"\n-----";
```

```
}
```

```
int main(){
```

```
Final p1 ;
```

```
string gift,cmd;
```

```
int sel;
```

```
p1.setProfile();
```

```
p1.selectConcert();
```

```
p1.getGrift();
```

```
p1.cal_total();
```

```

cout << "\n-----" <<endl;

cout<<"Choose your giveaway (Mug/Keychain) : ";

cin>>gift;

p1.showGift(gift);

cout<<"Additional to seller : ";

cin>>cmd;

p1.addComment(cmd);

while (true) {

cout << "\n-----" <<endl;

cout<<"Do you want to buy ohter Concert?\n1.Yes\n2.No\n3.Check Booking\nYour choice : ";

cin>>sel;

if (sel == 1){

cout << "\n-----" <<endl;

p1.selectConcert();


p1.getGrift();

p1.cal_total();

p1.showGift(gift);

cout<<"-----\n";

cout<<"Additional : ";

cin>>cmd;

cout<<"-----";

p1.addComment(cmd);

```



```

}

else if (sel == 2){

cout << "\n-----" << endl;

cout<<"Thank you for using this ticket sell.\nEnjoy the show."<<endl;

cout << "\n-----" << endl;

ofstream booking;

booking.open("Booking.txt",ios::trunc);

booking.close();

break;

}

else if (sel == 3){

string line;

ifstream bk("Booking.txt");

cout<<("-----Your Booking-----")<<endl;

while (getline(bk,line))

{

cout << line << endl;

}

cout<<"-----\n";

cout<<"- Giveaway you will receive : "<<gift;

cout << "\n-----" << endl;

bk.close();

```

```
}

else{

cout << "\n-----" << endl;

cout<<"Don't have this choice, please try again."<<endl;

cout << "\n-----" << endl;

}

}

}
```

ตัวอย่างการทำงาน

```
Enter your IDUser : 0001
Enter firstname : Tippawan
Enter lastname : Ngobkratok
Enter your numberphone : 0990014619
Name          Price seat
1)Maroon5      1000    2000    3000    5000
2)Justin Bieber 2000    3500    5000    6000
3)BangTan      2800    4800    5000    7000
4)Charlie_Puth 3000    4000    5000    6000
5)Bruno_Mars   2500    3000    4000    4500
6)Treasure     2900    4800    5500    7000
7)NCT_Dream    2800    4800    5500    6500

-----
Choose number of name Concert : 6
Choose price seat : 7000
-----
Date    Time
1.31March    17.00-20.00
2.1April     17.00-20.00
3.2April     16.00-19.00
-----
Choose number Date : 1
-----
```

เป็นการทำงานรอบแรกโดยให้ผู้ใช้กรอกข้อมูลในการ Log in และเลือกงานคอนเสิร์ตที่ต้องการไปดูการแสดง

```
-----
Special Gift
1.Highttouch 10000 Bath
2.Photo with Artist 5000 Bath
3.Random gift 500 Bath

-----
Enter the number of gift do you want.
(if you don't want enter 0)
your choice : 0
Ticket total : 7000Bath

-----

-----
Choose your giveaway (Mug/Keychain) : -
-
Additional to seller : -
-----
Additional to seller : -
```

ส่วนนี้จะเป็นการเลือกสิทธิพิเศษในการดูคอนเสิร์ตที่ต้องการ

```

-----
Do you want to buy ohter Concert?
1.Yes
2.No
3.Check Booking
Your choice : 1

-----
Name          Price seat
1)Maroon5      1000    2000    3000    5000
2)Justin_Bieber 2000    3500    5000    6000
3)BangTan      2800    4800    5000    7000
4)Charlie_Puth 3000    4000    5000    6000
5)Bruno_Mars   2500    3000    4000    4500
6)Treasure     2900    4800    5500    7000
7)NCT_Dream    2800    4800    5500    6500

-----
Choose number of name Concert : 7
Choose price seat : 5500

-----
Date    Time
1.17Aug 17.00-20.00
2.18Aug 18.00-21.00
3.19Aug 19.00-22.00

-----
Choose Date : 2
-----

```

เป็นการทำงานรอบที่สองเพื่อเลือกซื้อตั๋วคอนเสิร์ตใบที่สอง

```

-----
Do you want to buy ohter Concert?
1.Yes
2.No
3.Check Booking
Your choice : 3
-----Your Booking-----
Treasure - seat :7000 - 31Mar 17.00-20.00NCT Dream - seat :5500 - 18Aug 18.00-21.00 - Special Highttouch : 10000 Bath.
-----
- Giveaway you will receive : -
-----

Do you want to buy ohter Concert?
1.Yes
2.No
3.Check Booking
Your choice : 2

-----
Thank you for using this ticket sell.
Enjoy the show.

-----

...Program finished with exit code 0
Press ENTER to exit console.

```

เป็นตัวเลือกการตรวจสอบตั๋วคอนเสิร์ตที่ได้ทำการจองไปก่อนหน้านี้