

Airline Reservation Project

(Projekt rezerwacji linii lotniczych)

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```
void information()
{
    cout << "\nEnter the customer ID:"; // that could be the number from 0 to 99
    cin >> cId;
    cout << "\nEnter the name :";
    cin >> name;
    cout << "\nEnter the age :";
    cin >> age;
    cout << "\nAddress :"; // that could be just city or town name
    cin >> add;
    cout << "\nGender: ";
    cin >> gender;
    cout << "Details has been saved\n" << endl;
}
```

void with returning value and cin with input from keyboard

```
567  int main() //object of a class, class name Management
568  {
569      Management Mobj;
570      return 0;
571  }
```

main function

```
21 },
22
23 class details //user details
24 {
25     public:
26         static string name, gender;
27         int phoneNo;
28         int age;
29         string add;
30         static int cId;
31         char arr[100]; //position from 0 to 99
32 }
```

access specifier - public
data types, like: strings, number
also char - single character

```
494     switch (lchoice)
495     {
496
497         case 1/* switch case inside*/:
498             {
499                 cout << "_____Customers_____\\n" << endl;
500                 d.information();
501                 cout << "Press any key to go back to the Main menu";
502                 cin >> back;
503             }
```

switch statement to select one of many code blocks

Examples

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

***** CPP Airlines *****

-----Main Menu-----

|
| Press 1 to add the Customer Details
| Press 2 for Flight Registration
| Press 3 for Ticket and Fees
| Press 4 to Exit
|
|-----|

Enter the choice : 
```

Main menu

Press 4 to Exit

Enter the choice : 1

Customers-----

Enter the customer ID:23

Enter the name :A

Enter the age :19

Address :Pozn

Gender: female

Details has been saved

Press any key to go back to the Main menu1

Main Menu-----

Press 1 to add the Customer Details
Press 2 for Flight Registration
Press 3 for Ticket and Fees
Press 4 to Exit

Enter the choice : 2

Book a flight using this system-----

1.flight to Dubai
2.flight to Canada
3.flight to UK
4.flight to USA
5.flight to Australia
6.flight to Spain

Welcome to the Airlines

Press the number of the country where you want to book a flight:6

Welcome to Spain Airlines IBERIA-----

Below are the available flights

1. IBE - 123

03-01-2024 1:00AM 2h PLN 400

Adding customer details
and
choosing a flight

Press the number of the country where you want to book a flight:6

_____Welcome to Spain Airlines IBERIA_____

Below are the available flights

1. IBE - 123

03-01-2024 1:00AM 2h PLN 400

2. IBE - 456

07-01-2024 10:00AM 3h PLN 500

3. IBE - 789

10-01-2024 08:00AM 2h PLN 400

Select the flight you want to book :3

You have booked the flight IBE - 789

You can go back to menu and collect the ticket

Press any key to go back to the main menu:

□

Choosing the flight number with visible cost, date and time.
Printing and displaying details on ticket

1

***** CPP Airlines *****

_____Main Menu_____

Press 1 to add the Customer Details

Press 2 for Flight Registration

Press 3 for Ticket and Fees

Press 4 to Exit

Enter the choice : 3

_____GET YOUR TICKET_____

Ticket is printed, please collect it

Press 1 to display ticket 1

CPP Airlines

_____Ticket_____

Customer ID:23

Customer Name:A

Customer gender:female

Destination

Spain

Flight cost : 400

Press any key to back to main menu□

```
***** CPP Airlines *****  
  
-----Main Menu-----  
|  
| Press 1 to add the Customer Details  
| Press 2 for Flight Registration  
| Press 3 for Ticket and Fees  
| Press 4 to Exit  
|  
-----  
Enter the choice : 4  
  
-----Thank you-----
```

The final view after choosing option “Exit”

Thank you for the attention