Logo

Description automatically generated

**FLIGHT TICKET BOOKING**

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AIM – FLIGHT TICKET BOOKING \

Procedure-

Talking about the features of Airline Booking, the system asks for the passenger’s information such as name, passport no, email id. After all these procedures,  a reservation is done. As a reservation proof, the system provides seat number.  In order to check tickets, the user has to provide seat no. then only the system check for the respective tickets in the database and displays a result.

**PROGRAM**

**#include<stdio.h>**

**#include<math.h>**

**#include<string.h>**

**#include<stdlib.h>**

**int main(void)**

**{**

**int c,p;**

**int i;**

**int j;**

**int s[10]={};**

**printf("\n\n   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("    Welcome to Airline Seat Reservations System ");**

**printf("\n   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n\n");**

**for (j=0; j<10; j++)**

**{**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("   Class\n\n   [1] Business Class\n   [2] Economic class\n\n");**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("   Choose: ");**

**scanf("%i",&c);**

***//system("cls");***

**switch(c)**

**{**

**case 1:**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("   Business class\n\n");**

**printf("   Seats available\n     |1|2|3|4|5|\n\n");**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**do**

**{**

**printf("   Pick a seat: ");**

**scanf("%i",&p);**

**s[j]=p;**

***//system("cls");***

**for (i=0; i<j; i++)**

**{**

**if (s[j]==s[i])**

**{**

**printf("\n\n   Seat taken.\n\n");**

**break;**

**}**

**}**

**}**

**while (i!=j);**

**if(s[j] <= 5)**

**{**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("\n");**

**printf("   Class: Business class\n");**

**printf("   Seat no : %i\n",s[j]);**

**printf("\n");**

**}**

**else**

**printf("\nWrong number!  No seat for you!\n\n");**

**break;**

**case 2:**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("   Economical class\n\n");**

**printf("   Seats available\n    |6|7|8|9|10|\n\n");**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**do**

**{**

**printf("   Pick a seat: ");**

**scanf("%i",&p);**

**s[j]=p;**

***//system("cls");***

**for (i=0; i<j; i++)**

**{**

**if (s[j]==s[i])**

**{**

**printf("\n\n   Seat taken.\n\n");**

**break;**

**}**

**}**

**}**

**while (i!=j);**

**if(s[j] >= 6)**

**{**

**printf("   \xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\xcd\n");**

**printf("\n");**

**printf("   Class: Economical class\n");**

**printf("   Seat no : %i\n",s[j]);**

**printf("\n");**

**}**

**else**

**printf("\nWrong number!  No seat for you!\n\n");**

**break;**

**default:**

**break;**

**}*//end switch case***

**}*//end counting people\*/***

**return 0;**

**}**

RESULTS

Welcome to airline seat reservations system

Class

[1] business class

[2] economic class

Choose – 1

[Business class]

Seats available

[1,2,3,4,5]

Pick a seat – 3

Choose – 2

[Economic Class]

Seats Available

[6,7,8,9,10]

Pick a Seat - 7

SCREENSHOTS

