#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int time[10];

int i;

void header()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

}

void option1()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 101 Delhi to Pune(1300hrs) 5000 100 16\n");

printf(" 102 Mumbai To Chennai(1700hrs) 5,000 75 5\n");

printf(" 103 Bangalore To Kolkata(2000hrs) 5,000 100 24\n");

}

void option2()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 111 Delhi to Pune(1300hrs) 5000 100 18\n");

printf(" 112 Mumbai To Chennai(1700hrs) 5000 75 24\n");

printf(" 113 Bangalore To Kolkata(2000hrs) 5,000 100 65\n");

}

void option3()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 121 Delhi to Pune(1300hrs) 5,000 100 46\n");

printf(" 122 Mumbai To Chennai(1700hrs) 5000 75 16\n");

printf(" 123 Bangalore To Kolkata(2000hrs) 5,000 100 85\n");

}

void option4()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 301 Delhi to Thailand(1400hrs) 100000 100 16\n");

printf(" 302 Mumbai To USA (1800hrs) 100,000 75 5\n");

printf(" 303 Bangalore To Singapore(2100hrs) 100,000 100 24\n");

}

void option5()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 311 Delhi to Thailand(1400hrs) 100000 100 16\n");

printf(" 312 Mumbai To USA(1800hrs) 100,000 75 5\n");

printf(" 313 Bangalore To Singapore(2100hrs) 100,000 100 24\n");

}

void option6()

{

printf("\nFlight Price Seating Capacity Available Seats\n");

printf(" 321 Delhi to Thailand(1400hrs) 100000 100 16\n");

printf(" 322 Mumbai To USA(1800hrs) 100,000 75 5\n");

printf(" 323 Bangalore To Singapore(2100hrs) 100,000 100 24\n");

}

struct flight{

int ticket;

int price, phone;

char name[20], address[100];

char seatpos;

int tm;

};

int i;

struct flight book[10];

int a;

void timings(int tm)

{

for(i=0;i<tm;i++)

{

if(book[a].ticket==101)

time[i] =1300;

else if(book[a].ticket==102)

time[i] = 1700;

else if(book[a].ticket==103)

time[i] = 2000;

else if(book[a].ticket==111)

time[i] = 1300;

else if(book[a].ticket==112)

time[i] = 1700;

else if(book[a].ticket==113)

time[i] = 2000;

else if(book[a].ticket==121)

time[i] = 1300;

else if(book[a].ticket==122)

time[i] = 1700;

else if(book[a].ticket==123)

time[i] = 2000;

else if(book[a].ticket==301)

time[i] = 1700;

else if(book[a].ticket==302)

time[i] = 1700;

else if(book[a].ticket==303)

time[i] = 1700;

else if(book[a].ticket==311)

time[i] = 1700;

else if(book[a].ticket==312)

time[i] = 1700;

else if(book[a].ticket==313)

time[i] = 1700;

else if(book[a].ticket==321)

time[i] = 1700;

else if(book[a].ticket==322)

time[i] = 1700;

else if(book[a].ticket==323)

time[i] = 1700;

}

}

int choice()

{

}

int price, phone;

char name[20], address[100],emailid[30];

char user[50]="sarah", pw[50]="password", user1[50]="sarah", pw1[50]="password";

int trip, date, date2, x, y;

float total;

char date1[30];

char repeat;

char terminal[10];

int select,opt;

int main()

{int options,y;

printf("Select one option: \n 1. New User \n 2. Old User \n 3. Admin");

scanf("%d",&options);

if(options==1)

{

xy:

printf("\nEnter new username: ");

scanf("%s", &user);

strcpy(user1,user);

printf("\nEnter password: ");

scanf("%s", &pw);

strcpy(user1,user);

printf("\n Enter email id:");

scanf("%s", &emailid);

printf("\nWelcome");

printf("\nChoose : ");

printf("\n1. Domestic \n2. International\n");

scanf("\n%d", &trip);

if(trip==1)

strcpy(terminal,"T1");

else

{strcpy(terminal,"T3");

}

printf("\nDate: ");

printf("\n1. August 10, 2019 \n2. August 11, 2019\n3. August 12, 2019\n");

scanf("%d", &date);

switch (trip)

{

case 1:

{

strcpy(terminal, "T1");

if (date==1)

{

printf("\nAugust 10, 2019\n");

strcpy(date1, "August 10, 2019");

option1();

printf("\nHow many tickets you want?:");

scanf("%d", &x);

for (a=0; a<x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

timings(x);

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*5000;

}

else if (date==2)

{

printf("\nAugust 11, 2019\n");

strcpy(date1, "August 11, 2019");

option2();

printf("\nHow many tickets will you get?: ");

scanf("%d", &x);

for (a=1; a<=x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

void timings();

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*5000;

}

else if (date==3)

{

printf("\nAugust 12, 2019\n");

strcpy(date1, "August 12, 2019");

option3();

printf("\nHow many tickets do you want?: ");

scanf("%d", &x);

for (a=1; a<=x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

void timings();

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*5000;

}

else printf("\nInvalid");

break;

}

case 2:

{

strcpy(terminal,"T3");

if (date==1)

{

printf("\nAugust 10, 2019\n");

strcpy(date1, "August 10, 2019");

option4();

printf("\nHow many tickets will you get (excluding the return trip)?: ");

scanf("%d", &x);

for (a=1; a<=x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

void timings();

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*100000;

}

else if (date==2)

{

printf("\nAugust 11, 2019\n");

strcpy(date1, "August 11, 2019");

option5();

printf("\nHow many tickets will you get?: ");

scanf("%d", &x);

for (a=1; a<=x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

void timings();

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*100000;

}

else if (date==3)

{

printf("\nAugust 12, 2017\n");

strcpy(date1, "August 12, 2019");

option6();

printf("\nHow many tickets will you get?: ");

scanf("%d", &x);

for (a=1; a<=x; a++)

{

printf("\nPlease select which flight you will book: ");

scanf("%d", &book[a].ticket);

void timings();

printf("enter name");

scanf("%s",&book[a].name);

printf("enter phone no");

scanf("%d",&book[a].phone);

printf("enter address");

scanf("%s",&address);

printf("Prefered seat A/W/M");

scanf("%c",&book[a].seatpos);

}

price=x\*100000;

}

else printf("\nInvalid");

break;

break;

}

default:

break;

}

printf("\n");

printf("\nSummary: ");

for (a=1; a<=x; a++)

{

printf("\nDetails of Ticket no. [%d]", a);

printf("\nFlight no. [%d]\n", book[a].ticket);

}

printf("\nTotal number of tickets: %d\n", x);

printf("\nTotal Price: %d", price);

printf("\nIf you want to see summary of ticket you need to login again and for that press 1");

scanf("%d",&opt);

if(opt==1)

{goto a;

}

return 0;

}

if(options==2)

{

a:

printf("\nEnter your username: ");

scanf("%s", &user1);

printf("\nEnter password: ");

scanf("%s", &pw1);

if(strcmpi(user,user1)==0 && strcmpi(pw,pw1)==0)

{printf("Welcome \t%s",user);

printf("\nHere are the details of the ticket you booked");

for(i=0;i<n;i++)

printf("Terminal: %s",terminal);

for(i=0;i<n;i++)

{printf("TIMINGS: %d hrs",book[i].time);

}

else

{

printf("\nInvalid login \n You need to create an account first!\n PRESS 1 TO CREATE ACCOUNT AND 2 TO EXIT");

scanf("%d",&select);

if(select==1)

{ goto xy;

}

}

}

}