**Devesh Sharma 2000320100049 CSE -A**

**SOURCE CODE**

# include <stdio.h>

# include <string.h>

# include <stdlib.h>

struct book\_tickets

{

char number[40];

char firstname[50];

char middlename[50];

char lastname[50];

char email[50];

};

void personal\_info (struct book\_tickets p[],char from[],char to[],char dates[],int passenger,char car[])

{

for(int i=0;i<passenger;i++)

{

printf("\n\n");

printf("%d. passenger info-\n",i+1);

printf("Passenger Name: %s %s %s\n",p[i].firstname,p[i].middlename,p[i].lastname);

printf("Passenger E-Mail ID: %s\n",p[i].email);

printf("Passenger Contact Number: %s\n",p[i].number);

printf("Travel Class: %s \n",car);

printf("Date Of Booking: %s\n",dates);

printf("From Station: %s\n",from);

printf("To Station: %s\n",to);

printf("%d Adult, 0 children\n",passenger);

printf("\n\n");

}

printf("\t\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*THANKS FOR BOOKING AND HAVE A SAFE TRIP\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

void rajori\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="AC tier (A)";

FILE \*fp1;

char ch1;

fp1=fopen("rajori express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void chennai\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="AC tier (A)";

FILE \*fp1;

char ch1;

fp1=fopen("chennai express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void friyangyu\_tez (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="AC tier (A)";

FILE \*fp1;

char ch1;

fp1=fopen("friyangyu tez.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void rajoriya\_gadi (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="AC tier (A)";

FILE \*fp1;

char ch1;

fp1=fopen("rajoriya gadi.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void emporium\_super\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="AC tier (A)";

FILE \*fp1;

char ch1;

fp1=fopen("emporium\_super\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void shatabdi\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Sleeper (SL)";

FILE \*fp1;

char ch1;

fp1=fopen("shatabdi\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void rajdhani\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Sleeper (SL)";

FILE \*fp1;

char ch1;

fp1=fopen("rajdhani\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void mahamana\_vivek (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Sleeper (SL)";

FILE \*fp1;

char ch1;

fp1=fopen("mahamana\_vivek.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void rajoriya\_kranti (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Sleeper (SL)";

FILE \*fp1;

char ch1;

fp1=fopen("rajoriya\_kranti.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void tejas\_rath\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Sleeper (SL)";

FILE \*fp1;

char ch1;

fp1=fopen("tejas\_rath\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void sampark\_krati (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Second Siting (2S)";

FILE \*fp1;

char ch1;

fp1=fopen("sampark\_kranti.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void kavi\_guru\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Second Siting (2S)";

FILE \*fp1;

char ch1;

fp1=fopen("kavi\_guru\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void humsafar\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Second Siting (2S)";

FILE \*fp1;

char ch1;

fp1=fopen("humsafar\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void vande\_bharat (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Second Siting (2S)";

FILE \*fp1;

char ch1;

fp1=fopen("vande\_bharat.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void gatiman\_express (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

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

printf("\t\t\t\t\t\t\tCongratulation! Your Ticket Got Successfully Booked\n\n");

char car[30]="Second Siting (2S)";

FILE \*fp1;

char ch1;

fp1=fopen("gatiman\_express.txt","r");

ch1=getc(fp1);

while(ch1!=EOF)

{

printf("%c",ch1);

ch1=getc(fp1);

}

fclose(fp1);

personal\_info (p,from,to,dates,passenger,car);

}

void ac (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

printf("\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On %s \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n",date);

printf("\t\t\t\t\t\t\t %s -> %s",from,to);

char ch;

int choice;

FILE \*fp;

fp=fopen("ac1.txt","r");

ch=getc(fp);

while(ch!=EOF)

{

printf("%c",ch);

ch=getc(fp);

}

fclose(fp);

printf("Enter the number of your desired train\n");

scanf("%d",&choice);

printf("\n\n");

switch(choice)

{

case 1:

{

rajori\_express(p,from,to,date,passenger,dates);

break;

}

case 2:

{

chennai\_express(p,from,to,date,passenger,dates);

break;

}

case 3:

{

friyangyu\_tez(p,from,to,date,passenger,dates);

break;

}

case 4:

{

rajoriya\_gadi(p,from,to,date,passenger,dates);

break;

}

case 5:

{

emporium\_super\_express(p,from,to,date,passenger,dates);

break;

}

default:

{

printf("Invalid option\n");

break;

}

}

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

}

void ac2 (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

printf("\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On %s \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n",date);

printf("\t\t\t\t\t\t\t %s -> %s",from,to);

char ch;

int choice;

FILE \*fp;

fp=fopen("ac2.txt","r");

ch=getc(fp);

while(ch!=EOF)

{

printf("%c",ch);

ch=getc(fp);

}

fclose(fp);

printf("Enter the number of your desired train\n");

scanf("%d",&choice);

printf("\n\n");

switch(choice)

{

case 1:

{

shatabdi\_express(p,from,to,date,passenger,dates);

break;

}

case 2:

{

rajdhani\_express(p,from,to,date,passenger,dates);

break;

}

case 3:

{

mahamana\_vivek(p,from,to,date,passenger,dates);

break;

}

case 4:

{

rajoriya\_kranti(p,from,to,date,passenger,dates);

break;

}

case 5:

{

tejas\_rath\_express(p,from,to,date,passenger,dates);

break;

}

default:

{

printf("Invalid option\n");

break;

}

}

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

}

void general (struct book\_tickets p[],char from[],char to[],char date[],int passenger,char dates[])

{

printf("\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On %s \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n",date);

printf("\t\t\t\t\t\t\t %s -> %s",from,to);

char ch;

int choice;

FILE \*fp;

fp=fopen("general.txt","r");

ch=getc(fp);

while(ch!=EOF)

{

printf("%c",ch);

ch=getc(fp);

}

fclose(fp);

printf("Enter the number of your desired train\n");

scanf("%d",&choice);

printf("\n\n");

switch(choice)

{

case 1:

{

sampark\_krati(p,from,to,date,passenger,dates);

break;

}

case 2:

{

kavi\_guru\_express(p,from,to,date,passenger,dates);

break;

}

case 3:

{

humsafar\_express(p,from,to,date,passenger,dates);

break;

}

case 4:

{

vande\_bharat(p,from,to,date,passenger,dates);

break;

}

case 5:

{

gatiman\_express(p,from,to,date,passenger,dates);

break;

}

default:

{

printf("Invalid option\n");

break;

}

}

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

}

void book\_tickets(struct book\_tickets p[])

{

int passenger,ch;

char date[20],from[20],to[20],dates[20];

printf("Enter the number of passenger:\n");

scanf("%d",&passenger);

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

for(int i=0;i<passenger;i++)

{

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

printf("Enter the %d passenger info-\n",i+1);

printf("\nEnter first name:\n");

scanf("%s",&p[i].firstname);

printf("\nEnter middle name (If Not Press '-'):\n");

scanf("%s",&p[i].middlename);

printf("\nEnter last name:\n");

scanf("%s",&p[i].lastname);

printf("\nEnter contact number:\n");

scanf("%s",&p[i].number);

printf("\nEnter E-Mail ID:\n");

scanf("%s",&p[i].email);

printf("\n");

}

printf("Travelling Date (DD/MM/YYYY): ");

scanf("%s",date);

printf("\nToday's Date (DD/MM/YYYY): ");

scanf("%s",dates);

printf("\nFrom (Enter First Word Of Place) - ");

scanf("%s",from);

printf("\nTo (Enter First Word Of Place) - ");

scanf("%s",to);

printf("\nSelect your comfort (By Entering A Number)\n");

printf("1. AC tier (A)\n");

printf("2. Sleeper (SL)\n");

printf("3. Second Siting (2S)\n");

scanf("%d",&ch);

printf("\n\n");

switch (ch)

{

case 1:

{

ac(p,from,to,date,passenger,dates);

break;

}

case 2:

{

ac2(p,from,to,date,passenger,dates);

break;

}

case 3:

{

general(p,from,to,date,passenger,dates);

break;

}

default:

{

printf("Invalid Option\n");

break;

}

}

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

}

void cancel\_tickets ()

{

int pnr,num;

char name[30];

printf("Enter your first name: ");

scanf("%s",name);

printf("\n\n");

printf("\t\t\t\t\t\t\t \*\*Ticket is cancelled\*\*\n\n");

printf("\t\t\t\t%s, Your Ticket Is Cancelled And The Refund Will Be Sent In Your Bank Account Within 7 Working Days\n\n\n",name);

printf("\t\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*THANKS FOR VISITING US\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

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

}

void check\_trains()

{

char from[30],to[30],date[30];

printf("Enter The Travelling Date (DD/MM/YYYY):\n");

scanf("%s",date);

printf("From Station:\n");

scanf("%s",from);

printf("To Station:\n");

scanf("%s",to);

printf("\t\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Date: %s \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n",date);

printf("\t\t\t\t\t\t\t %s -> %s",from,to);

printf("\n\n");

char c;

FILE \*f;

f=fopen("train\_list.txt","r");

c=getc(f);

while(c!=EOF)

{

printf("%c",c);

c=getc(f);

}

fclose(f);

}

int main()

{

int num,ch,y=10;

while(y--)

{

struct book\_tickets p[20];

printf("\n\n\t\t\t\t\t\t\*\*\*\*\*\*\*WELCOME TO RAILWAY RESERVATION\*\*\*\*\*\*\*");

printf("\n\n\n\nPress following buttons to choose the service -\n");

printf("\nThese are following services:\n");

printf("\t1.To book tickets-\t\t\t\t2.To cancel tickets-\t\t\t\t3.To check trains-\t\t\t\t4.Logout- \n");

printf("\n\nEnter your choice\n");

scanf("%d",&ch);

switch(ch)

{

case 1:

{

book\_tickets(p);

break;

}

case 2:

{

cancel\_tickets();

break;

}

case 3:

{

check\_trains();

break;

}

case 4:

{

exit(0);

}

default:

{

printf("Invalid Option\n");

break;

}

}

}

return 0;

}