## **RAILWAY RESERVATION SYSTEM**



Problem Solving with Programming

#### **Computer Science & Engineering**

By

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Submitted on june,2023

## **PSP-PROJECT**

## **TOPIC- RAILWAY RESERVATION SYSTEM**

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# $\frac{\textbf{DEPARTMENT OF COMPUTER SCIENCE AND ARTIFICIAL}}{\textbf{INTELLIGENCE}}$

#### **CERTIFICATE**

This is to certify that the Course Project Report entitled
"RAILWAY RESERVATION SYSTEM" is a record of bonafide work
carried out by the student(s) <b>M.SRINITHA</b> bearing Roll No(s)
<b>2203A52201</b> during the academic year 2022-2023.

**Supervisor** 

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#### RAILWAY RESERVATION SYSTEM

## **ABSTRACT:**



The project is a web based railway ticket reservation. The project objective is to help the passengers to book their tickets for their journey, and can view the available trains with the source and destination at the right arrival time, date including their fare details. This is the user friendly system it means anyone can see the available trains and book their tickets. To book their tickets user must register with their details by entering the train number the seat will be alloted in that particular train. Passenger can also cancel the ticket. After booking without any extra charges. When all the selection is done, passenger will be provided with total fare charges for making their final payment.

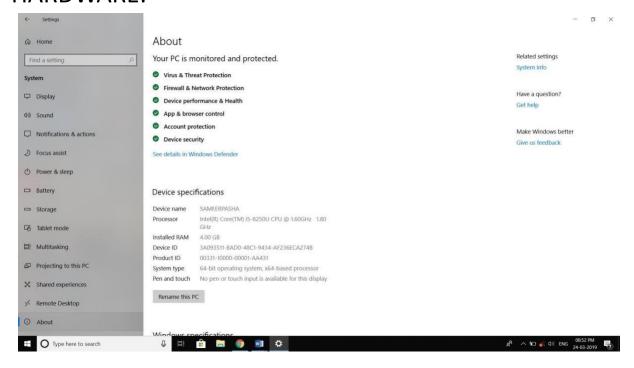
## This code includes:

- \* Add Train
- \* Delete Train
- \* Book Ticket
- \* Cancel Ticket
- \* Exist

The railway reservation system facilitates the passengers to enquiry about the train details which are available on the basis of start and destination, booking and cancellation of tickets, search about the status of the booked ticket, etc

## **PROJECT REQUIREMENTS:**

#### **HARDWARE:**



SOFTWARE: DEV c++



Dev-C++ is a free full-featured integrated development environment distributed under the GNU General Public License for programming in C and C++. It is written in Delphi. It is bundled with, and uses, the MinGW or TDM-GCC 64bit port of the GCC as its compiler.

Written in: Object Pascal

Developer(s): Bloodshed Software until 2005, Orwell (Johan Mes) since 2011

License: GNU General Public License

Stable release: 5.11 / April 27, 2015; 3 years ago

**Operating system:** Microsoft Windows, Linux (alpha only)

## Project Documentation:

In this code we have used function, structures and files:

#### **Functions:**

There several advantages of using functions in our code

- It enhances the readability of a program.
- Using functions and in our code made easy to understand
- It reduces the complexity of a program and gives in a modular structure.
- By implementing functions and procedures in this program, the programmer reduces coding time and debugging time, thereby reducing the overall development time.

Read function() is used to read the details of Train like

- O view train details O Add train
- O Delete train
- 2.Read function() is also used to read the details like
- View passengers
- O Book tickets
- Cancel tickets
- 3. Display function () is used to print details of train . All the train information will be displayed along with the train number

,train name,start place,destination place and price,available seats and also time.

If we press 1 for continue:

All train details will be shown on the screen.

If we press 2:

Booking details will display.

If we press 3:

The train will be deleted by using your phone number.

If we press 4:

It will asking admin password after entering the password They displaying some option like

- O View
- O Add train
- O Delete O Back

If we press 5:

Exist

4.Add function () is used to add extra trains to the previous information.

### **Structures:**

It combines datatypes of different kinds. Structures are used to represent a information

F	il	e	S	
		C	3	•

A file represents a **sequence of bytes on the disk where a group of related data is stored**. File is created for permanent storage of data. It is a ready made structure. In C language, we use a structure pointer of file type to declare a file. C provides a number of functions that helps to perform basic file operation.

## Railway reservation system

## Code:

```
#include<stdio.h>
#include<string.h>
#include<windows.h>
#include<stdlib.h>
#include<conio.h>
#include<time.h> #include<string.h>
void viewinfo(); void
bookticket(); void
cancelticket(); void
admin(); void
password(); void
viewpassenger(); void
addtrain(); void
dlttrain();
struct adddata
     char si[10]; char
     train number[10]; char
     train_name[20]; char
     start[10]; char
```

```
destination[10]; char
     price[10]; int seat; char
     time[10];
} add[1000];
struct bookticket
{
     char
train number[20]; char
name[20]; char phone[20];
char date[20]; int seat;
book[1000]; int k=0,u=0;
char trn nmbr[100],name[100],phn[100];
int main()
{
     system("CLS");
     int ch;
  time t currentTime; time(&currentTime); printf("\n\t\t\t
  %s\n",ctime(&currentTime)); printf("\t\t\***RAILWAY
  RESERVATION SYSTEM*\n"); printf("\n\t\t\<<<<<<WELCOME
     USERS>>>>>\n"); printf("\n\n\t\t\t MENU\n");
     printf("\n\t\t[1] VIEW INFORMATION\n");
     printf("\n\t\t\t]
                                    TICKET\n"); printf("\n\t\t[3]
                          BOOK
               TICKET\n");
                               printf("\n\t\t\t[4] ADMIN");
     CANCEL
  printf("\n\t\t\t[5] EXIT\n"); printf("\n\t\t\t"*****");
  printf("\n\t\tENTER YOUR CHOICE: "); scanf("%d",&ch); switch(ch)
     {
          case 1:
               viewinfo();
               break; case
                2:
                     bookticket()
                     ; break; case
                     3:
```

```
cancelticket();
                         break; case 4:
                         password(); break;
                         case 5:
                         system("cls");
     printf("\t\t\t *RAILWAY RESERVATION SYSTEM*\n");
     printf("\t\t\----");
     printf("\n\n\t\t\m);
     getch(); exit(0); break; default:
                         system("cls");
printf("\t\t\t *RAILWAY RESERVATIONSYSTEM*\n");
printf("\t\t -----\n");
printf("\n\n\t\t\<<<<YOU ENTERED WRONGCHOICE>>>>>\n\n");
                    getch();
                    system("cls");
    }
     return 0;
     void bookticket()
{ int c,j,n,i,found=-1; char v,train number[10];
     system ("cls");
     printf("\n\t\t\**RAILWAY RESERVATION SYSTEM**\n");
     printf("\t\t\----");;
     printf("\n\n\t\thow many ticket do you want to buy: ");
     scanf("%d",&n);
    for(j=u;j<u+n;j++)
     {
     printf("\n\n\t\t\tEnter train number: ");
     scanf("%s", book[j].train number);
     for(i=0;i<k;i++)
     {
     if(strcmp(book[i].train number,add[i].train number)==0)
     {
```

```
if(add[i].seat==0)
     {
           printf("\n\n\t\tnot available seat");
           getch(); system("cls");
           main();
     }
     else
     {
        found=1; printf("\n\t\tenter book %d no ticket:
           ",j+1);
           printf("\n\t\t\enter date: ");
           scanf("%s",book[i].date); printf("\n\t\tenter
           your name: "); scanf("%s",book[j].name);
           printf("\n\t\tenter your phone number: ");
           scanf("%s",book[j].phone);
           printf("\n\t\tseat number : %d",add[i].seat );
           book[j].seat=add[i].seat;
           }
     }
}
     if(found==-1)
     {
           printf("\n\n\t\t\ttrain not
           found!!!"); getch(); system("cls");
           main();
  } u=j; printf("\n\n\t\t\tenter '1' for main menu & press any key to
exit:"); scanf("%d",&c); if(c==1)
                 {
                      system("cls");
                       main();
                 }
```

```
if(c!=1)
                { exit;
}
void cancelticket()
{
  char pnnmbr[100]; int location = -1,e;
  printf ("\n\n\t\t\tenter phone number: ");
  scanf ("%s",pnnmbr);
  for (e=0;e<u;e++)
    if (strcmp(pnnmbr,book[e].phone)==0)
      location=e;
      break;
    }
  if (location==-1)
    printf ("\n\n\t\t\<<<<<CData Not
Found>>>>>\n")
    ; getch(); system("cls"); main();
  }
  else
  {
    for (e=location;e<u;e++)
    {
      strcpy(book[e].date,book[e+1].date);
      strcpy(book[e].train number,book[e+1].train number);
      strcpy(book[e].name,book[e+1].name);
      strcpy(book[e].phone,book[e+1].phone);
    } u--
```

```
printf("\n\n\t\t\<<<<<ttcket cancelled
successfully>>>>>")
   ; getch(); system("cls");
   main();
 }
}
void admin()
{
    int chhh; system("cls");
    printf("\n **RAILWAY RESERVATION SYSTEM***");
    printf("\n -----");
    printf("\n\n");
    printf(" <<<<<<<WELCOME ADMIN>>>>>>>\n");
    printf("\n\n"); printf(" || CHOOSE YOUR OPERATION ||\n");
    [2]
    ADD TRAIN ||\n"); printf(" || [3] DELETE TRAIN
         ||\n"); printf(" || [4] BACK ||\n");
                     ||\n");
    printf(" ||
            -----\n"):
    printf("
    printf("\n\t\tENTER YOUR CHOICE: ");
    scanf("%d",&chhh);
    switch(chhh)
    {
         case 1:
             viewpassenger()
             ; break; case 2:
             addtrain(); break; case 3:
             dlttrain(); break;
                      case 4:
                      system("cls");
```

```
getch(); main(); break;
                            default: getch();
                 printf("\n\t\tyou entered wrong KEY!!!!");
                                       getch();
                                       system("cls"); main();
     getch();
}
void password()
     int number=1234567; int pass;
     printf("\n\t\tenter password: ");
     scanf("%d",&pass);
     if(pass==number)
           printf("\n\n\t\t<<<<login successfully>>>>");
           getch(); system("cls"); admin();
     }
     else
     {
           printf("\n\n\t\t\t ERROR!!!!!");
           printf("\n\n\t\t\<<<<<wmre>wrong
           password>>>>>"); getch(); system("cls"); main();
     }
void dlttrain()
{
  char train[100];
  int location = -1,f;
  printf ("\n\n\tenter train number: "); scanf
  ("%s",train);
  for (f=0;f<k;f++)
```

```
if (strcmp(train,add[f].train number)==0)
    {
      location=f;
      break;
    }
  if (location==-1)
  {
    printf ("\n\t-----Data Not Found-----
    \n"); getch(); system("cls");
    admin();
  }
  else
    for (f=location;f<k;f++)</pre>
    { strcpy(add[f].si,add[f+1].si);
      strcpy(add[f].train_number,add[f+1].train_number);
      strcpy(add[f].train_name,add[f+1].train_name);
      strcpy(add[f].start,add[f+1].start);
      strcpy(add[f].destination,add[f+1].destination);
      strcpy(add[f].price,add[f+1].price);
      strcpy(add[f].time,add[f+1].time);
    } k--
  printf("\n\n\t-----train deleted successfully------
  "); getch();
           system("cls");
           admin();
  }
void viewpassenger()
```

}

```
{ int a,j;
     system("cls")
                     **RAILWAY RESERVATION SYSTEM**");
     printf("\n\t\t\t
printf("\n\t\t\t\t)
t se\n"); printf("\n\t\t\t-----"); for(j=0;j<u;j++)
     {
     printf("\n\t\t\s\t\t\s\t\t\s\t\t\s\t\t\s\t\t\s\t\t\s\t\t\d",book[j].train num
    ber,book[j].name,book[j].phone,book[j].date,book[j].seat);
          book[j].seat++;
     }
     printf("\n\t\t^{********}n"); printf("\n\n\t\t) for
     main menu & enter '0' for back: ");
     scanf("%d",&a); if(a==1)
     {
          system("cls");
          main();
     if(a==0)
          system("cls");
          admin();
     }
}
void addtrain()
{
     system("cls"); int
     ch; int i,a;
     printf("\n\t\t
     **RAILWAY
     RESERVATION
     SYSTEM**");
     printf("\n\t\t
```

```
********");
printf("\n\n\t\t\
thow many
trains do you
want to add: ");
scanf("%d",&a);
for(i=k;i<k+a;i++)
{
     printf("\n\t\tenter %d train details: ",i+1);
     printf("\n\t\tenter serial number: ");
     scanf("%s",add[i].si); printf("\n\t\tenter train
     number: "); scanf("%s",add[i].train number);
     printf("\n\t\t\tenter train name: ");
     scanf("%s",add[i].train name);
     printf("\n\t\tenter start place: ");
     scanf("%s",add[i].start);
     printf("\n\t\tenter destination place: ");
     scanf("%s",add[i].destination);
     printf("\n\t\t\t enter price: ");
     scanf("%s",add[i].price); printf("\n\t\t\t
     enter seat: "); scanf("%d", & add[i].seat);
     printf("\n\t\t\t enter time: ");
     scanf("%s",add[i].time);
}
printf("\n\n\t\t\confirm train: (y=1/n=0):- ");
     scanf("%d",&ch); if(ch==1)
     { k=i; system("cls");
     printf("\n\t\t\****RAILWAY RESERVATION SYSTEM**");
           printf("\n\t\t\t******");
           printf("\n\n");
     printf("\n\t\t\t< <<<<train add</pre>
           successfully>>>>"); getch(); system("cls"); main();
     }
```

```
if(ch==0)
                {
                      system("cls");
                      admin();
                if((ch!=1)&&(ch!=0))
                {
                      system("cls");
                      main();
                }
}
void viewinfo()
{ int ch,i;
     system("cls")
     printf("\n\t\t **RAILWAY RESERVATION SYSTEM**");
     printf("\n\t\t ******");
     printf("\n\n\n SI\ttrain number\t train name\tstart
place\tdestination place\tprice\t\tseat\t\ttime\n\n"); for(i=0;i<k;i++)</pre>
     printf(" %s\t\t%s\t\t%s\t\t%s\t\t%s\t\t\t%s\t\t\t%s\n",ad
d[i].si,add[i].train number,add[i].train name,add[i].start,add[i].desti
nation,add[i].price,add[i].seat,add[i].time);
     }
      printf(" -----\n");
printf("\n\t\t\press '1' for main menu & press any key for exit: ");
     scanf("%d",&ch);
     switch(ch)
     {
           case 1:
                system("cls")
                ; main();
```

```
break;
                 default:
                            exit(0);
     }
CODE WITH FILES:
#include<stdio.h>
#include<string.h>
#include<stdlib.h>
#include<conio.h>
#include<time.h> #include<string.h>
void viewinfo(); void
bookticket(); void
cancelticket(); void admin();
void password(); void
viewpassenger(); void
addtrain(); void dlttrain(); void
awrite(); void aread(); void
bookticket_write(); void
viewpassengers read();
 struct adddata
 {
     char si[10]; char
     train_number[10]; char
     train name[20]; char
     start[100]; char
     destination[100]; char
     price[10]; int seat; char
     time[10];
   } add[1000];
```

```
struct bookticket
{
  char
train_number[20]; char
name[20]; char
phone[20]; char date[20];
int seat; }book[1000];
int k=0,u=0; char
trn_nmbr[100],name[100],phn[100];
int main()
  aread(); viewpassengers read(); system("CLS"); int ch;
  time t currentTime; time(&currentTime);
  printf("\n\t\t\t %s\n",ctime(&currentTime));
  printf("\n\t\t RAILWAY RESERVATION SYSTEM
  \n");
printf("\n\t\t\<<<<<<WELCOMEUSERS>>>>>\n");
  printf("\n\t\t\----");
  printf("\n\n\t\t\t\ MENU\n");
  printf("\n\t\t[1] VIEW INFORMATION\n");
  printf("\n\t\t[2] BOOK TICKET\n");
  printf("\n\t\t\t[3] CANCEL TICKET\n");
  printf("\n\t\t\t[4] ADMIN"); printf("\n\n\t\t\t[5]
  EXIT\n"); printf("\n\t\t------
  -"); printf("\n\t\tENTER YOUR CHOICE: ");
  scanf("%d",&ch); switch(ch)
  {
       case 1: viewinfo(); break;
            case 2:
            bookticket(); break;
            case 3:
            cancelticket();
```

```
break; case 4:
                           password(); break;
                           case 5:
                                      system("cls");
     printf("\t\t\t
                     RAILWAY RESERVATION SYSTEM
                                                      \n");
                break;
                default:
printf("\n\n\t\t<<<<<ENTERED WRONG CHOICE>>>>>\n");
                system("cls");
   main();
     return 0;
   }
   void bookticket()
   { int c,j,n,i,found=-1; char
     v,train number[10
     ]; system ("cls"); aread();
     printf("\n\t\t\t RAILWAY RESERVATION SYSTEM \n");
     printf("\n\n\t\tHow many ticket do you want to buy?: ");
     scanf("%d",&n);
     for(j=u;j<u+n;j++)
     {
     printf("\n\n\t\t\tEnter train number: ");
     scanf("%s", book[j].train number);
     for(i=0;i<k;i++)
     {
```

```
if(strcmp(book[i].train number,add[i].train number)==0)
     if(add[i].seat==0)
     {
           printf("\n\n\t\t\tseats are not available"); system("cls");
           main();
     else
     {
       found=1; printf("\n\t\tenter book %d no ticket:
           ",j+1);
           printf("\n\t\tenter date: ");
           scanf("%s",book[j].date); printf("\n\t\tenter
           your name: "); scanf("%s",book[j].name);
           printf("\n\t\tenter your phone number: ");
           scanf("%s",book[j].phone); printf("\n\t\tseat
           number : %d",add[i].seat );
           book[i].seat=add[i].seat; bookticket write();
           add[i].seat--; awrite();
           }
     }
   }
     if(found==-1)
     {
           printf("\n\n\t\t\ttrain not found");
           getch(); system("cls"); main();
     }
     } u=j;
           bookticket write(); printf("\n\n\t\tenter '1' for main
menu & press any key to exit: "); scanf("%d",&c); if(c==1)
                 {
                      system("cls");
                       main();
```

```
}
           if(c!=1)
           { exit;
}
void cancelticket()
 viewpassengers_read(); char
 pnnmbr[100]; int location =
 -1,e;
 printf ("\n\n\t\tenter phone number: "); scanf
 ("%s",pnnmbr);
 for (e=0;e<u;e++)
   if (strcmp(pnnmbr,book[e].phone)==0)
   {
     location=e;
     break;
 if (location==-1)
 {
\n"); getch(); system("cls")
   main();
 else
   for (e=location;e<u;e++)
```

```
strcpy(book[e].date,book[e+1].date);
      strcpy(book[e].train number,book[e+1].train number);
      strcpy(book[e].name,book[e+1].name);
      strcpy(book[e].phone,book[e+1].phone);
      bookticket write();
    }
    u--;
    bookticket write();
printf("\n\n\t\t\<<<<<ticketcancelledsuccessfully>>>>>");
    getch(); system("cls"); main();
 }
void admin()
 int chhh;
 system("cls");
 printf("\n\n");
  printf(" <<<<<WELCOME ADMIN>>>>>\n"); printf("\n\n");
  printf(" CHOOSE YOUR CHOICE \n");
  printf("-----\n");
  printf(" [1] VIEW PASSENGERS \n");
  printf(" [2] ADD TRAIN \n"); printf("
  [3] DELETE TRAIN \n");
 printf(" [4] BACK
                  \n");
 printf(" \n");
 printf("\n\t\tENTER YOUR CHOICE: "); scanf("%d",&chhh);
 switch(chhh)
  {
       case 1:
            viewpassenger(); break;
            case 2: addtrain(); break;
```

```
case 3: dlttrain(); break;
             case 4:
                        system("cls"); getch();
                        main(); break;
                        default: getch();
             printf("\n\t\tyou entered wrong key!!!!");
                                   getch();
                                   system("cls"); main();
 }
 getch();
}
void password()
 int number=1234567; int
  pass;
  printf("\n\t\tenter password: ");
  scanf("%d",&pass);
 if(pass==number)
 {
       printf("\n\n\t\t<<<<login successful>>>>");
       getch(); system("cls"); admin();
  }
 else
  {
       printf("\n\n\t\t\<<<<<wre>rongpassword>>>>>")
       ; getch(); system("cls"); main();
 }
}
void dlttrain()
```

```
aread(); char
train[100]; int location
= -1,f;
printf ("\n\n\tenter train number: "); scanf
("%s",train);
for (f=0;f<k;f++)
{
  if (strcmp(train,add[f].train number)==0)
    location=f;
    break;
  }
if (location==-1)
  printf("\n\n\t<<<<<DataNotFound>>>>>>\n");
  getch(); system("cls"); admin();
else
{
  for (f=location;f<k;f++) {</pre>
  strcpy(add[f].si,add[f+1].si);
  strcpy(add[f].train number,a
  dd[f+1].train number);
    strcpy(add[f].train name,add[f+1].train name);
    strcpy(add[f].start,add[f+1].start);
    strcpy(add[f].destination,add[f+1].destination);
    strcpy(add[f].price,add[f+1].price);
    strcpy(add[f].time,add[f+1].time);
    awrite();
  } k--;
  awrite()
```

```
printf("\n\n\t<<<<<train deleted successfully>>>>>>);
           getch(); system("cls"); admin();
     }
   }
   void viewpassenger()
   { int a,j; system("cls");
     viewpassengers read()
     printf("\n\t\t RAILWAY RESERVATION SYSTEM ");
printf("\n\n\t\t\ttrainnumber\t\tname\t\tphonenumber\t\tseat\n");
for(j=0;j<u;j++)
     printf("\n\t\t\s\t\t%s\t\t%s\t\t%s\t\t%s\t\d",book[j].train num
   ber,book[j].name,book[j].phone,book[j].date,book[j].seat);
           book[j].seat++;
     }
   printf("\n\n\t\tenter '1' for main menu & enter '0' for back: ");
     scanf("%d",&a);
     if(a==1)
     {
           system("cls");
           main();
     if(a==0)
     {
           system("cls");
           admin();
     }
   }
   void addtrain()
```

```
{
  system("cls");
  int ch; aread();
  int i,a;
  printf("\n\t\t RAILWAY RESERVATION SYSTEM ");
  printf("\n\n\t\tHow many trains do you want to add?: ");
  scanf("%d",&a);
  for(i=k;i<k+a;i++)
  {
       printf("\n\t\t\tenter %d train details:
        ",i+1); printf("\n\t\tenter serial number:
       "); scanf("%d",add[i].si);
       printf("\n\t\t\tenter train number: ");
       scanf("%d",add[i].train number);
       printf("\n\t\tenter train name: ");
       scanf("%s",add[i].train_name);
       printf("\n\t\tenter start place: ");
       scanf("%s",add[i].start);
       printf("\n\t\tenter destination place: ");
       scanf("%s",add[i].destination);
       printf("\n\t\t\t enter price: ");
       scanf("%d",add[i].price); printf("\n\t\t\t
       enter seat: "); scanf("%d", & add[i].seat);
       printf("\n\t\t\t enter time: ");
       scanf("%s",add[i].time);
  }
       printf("\n\t\ttconfirm train: (y=1/n=0):- ");
       scanf("%d",&ch); if(ch==1)
       { awrite(); k=i; awrite()
             system("cls");
```

```
printf("\n\t\t\RAILWAY RESERVATION SYSTEM ");
     printf("\n\n"); printf("\n\t\t\<<<<train add</pre>
     successfully>>>>");
                 getch(); system("cls");
                 main();
           }
                 if(ch==0)
                 {
                       system("cls");
                      admin();
                 if((ch!=1)&&(ch!=0))
                       system("cls");
                       main();
                 }
   }
   void viewinfo()
   { int ch,i;
     system("cls")
     aread();
     printf("\n\t\t RAILWAY RESERVATION SYSTEM");
     printf("\n\n\nSI\ttrainnumber\ttrainname\t\tstart
place\tdestination place\tprice\tseat\ttime\n\n"); for(i=0;i<k;i++)
     {
     printf("\n\n\n\%d\t\%d\n",add[i].si,add[i].train\_number,add[i].tr
   ain name,add[i].start,add[i].destination,add[i].price,add[i].seat,a
   dd[i].time);
     }
```

```
printf("\n\t\t\press '1' for main menu & press any key for exit: ");
     scanf("%d",&ch); switch(ch)
     {
           case 1:
                 system("cls")
                 ; main();
                 break;
                 default:
                             exit(0);
     }
   void bookticket write()
     FILE *booklist; booklist=fopen("booklist.txt","w");
     fwrite(&book,sizeof(book),1,booklist);
     fclose(booklist);
     FILE *booklistreport;
     booklistreport=fopen("booklistreport.txt","w");
     fwrite(&u,sizeof(u),1,booklistreport); fclose(booklistreport);
   }
   void viewpassengers read()
   {
     FILE *booklist; booklist=fopen("booklist.txt","r");
     fread(&book,sizeof(book),1,booklist);
     fclose(booklist);
     FILE *booklistreport;
     booklistreport=fopen("booklistreport.txt","r");
     fread(&u,sizeof(u),1,booklistreport); fclose(booklistreport);
   }
   void awrite()
```

```
{
     FILE *train details; train details =
     fopen("train_details.txt","w");
     fwrite(&add,sizeof(add),1,train details);
     fclose(train details); FILE *train report;
     train report = fopen("train report.txt","w");
     fwrite(&k,sizeof(k),1,train report);
     fclose(train report);
   }
   void aread()
     FILE *train_details; train_details =
     fopen("train details.txt","r");
     fread(&add,sizeof(add),1,train details); fclose(train details);
     FILE *train report; train report =
     fopen("train_report.txt","r");
     fread(&k,sizeof(k),1,train_report); fclose(train_report);
OUTPUT:
```

# Entering the details:

```
Wed Jun 29 20:45:19 2022

****RAILWAY RESERVATION SYSTEM**

<<<<<<<Weelcome Users>>>>>>

MENU

[1] VIEW INFORMATION

[2] BOOK TICKET

[3] CANCEL TICKET

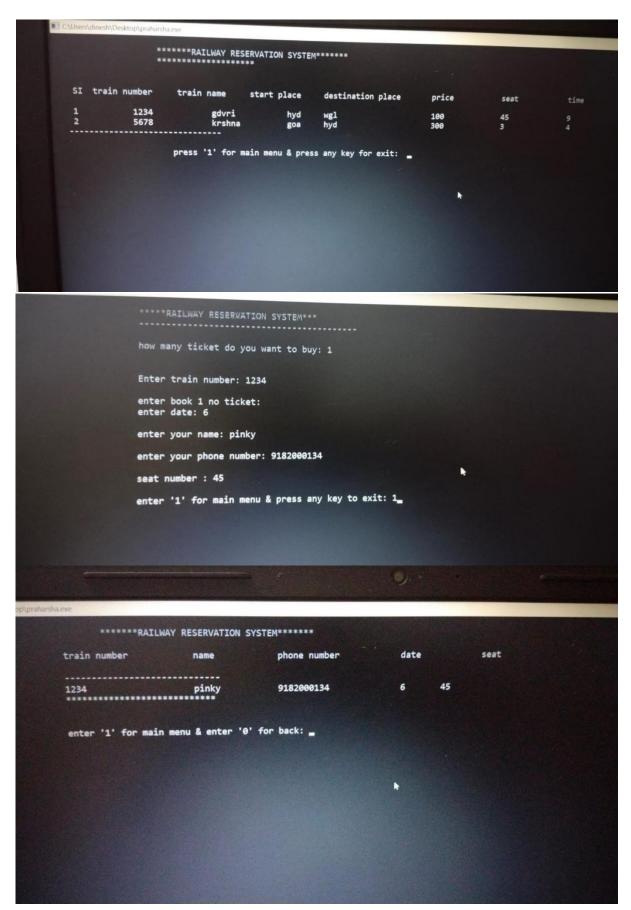
[4] ADMIN

[5] EXIT

**********
ENTER YOUR CHOICE: ______
```

#### By selecting the option 4:

## Adding the train details.



**OUTPUTS OF FILES** 

