**TICKET CANCELLATAION :**

from pickle import load,dump

import time

import random

import os

class tickets:

def \_\_init\_\_(self):

self.no\_ofac1stclass=0

self.totaf=0

self.no\_ofac2ndclass=0

self.no\_ofac3rdclass=0

self.no\_ofsleeper=0

self.no\_oftickets=0

self.name=''

self.age=''

self.resno=0

self.status=''

def ret(self):

return(self.resno)

def retname(self):

return(self.name)

def display(self):

f=0

fin1=open("tickets.dat","rb")

if not fin1:

print "ERROR"

else:

print

n=int(raw\_input("ENTER PNR NUMBER : "))

print "\n\n"

print ("FETCHING DATA . . .".center(80))

time.sleep(1)

print

print('PLEASE WAIT...!!'.center(80))

time.sleep(1)

os.system('cls')

try:

while True:

tick=load(fin1)

if(n==tick.ret()):

f=1

print "="\*80

print("PNR STATUS".center(80))

print"="\*80

print

print "PASSENGER'S NAME :",tick.name

print

print "PASSENGER'S AGE :",tick.age

print

print "PNR NO :",tick.resno

print

print "STATUS :",tick.status

print

print "NO OF SEATS BOOKED : ",tick.no\_oftickets

print

except:

pass

fin1.close()

if(f==0):

print

print "WRONG PNR NUMBER..!!"

print

def pending(self):

self.status="WAITING LIST"

print "PNR NUMBER :",self.resno

print

time.sleep(1.2)

print "STATUS = ",self.status

print

print "NO OF SEATS BOOKED : ",self.no\_oftickets

print

def confirmation (self):

self.status="CONFIRMED"

print "PNR NUMBER : ",self.resno

print

time.sleep(1.5)

print "STATUS = ",self.status

print

def cancellation(self):

z=0

f=0

fin=open("tickets.dat","rb")

fout=open("temp.dat","ab")

print

r= int(raw\_input("ENTER PNR NUMBER : "))

try:

while(True):

tick=load(fin)

z=tick.ret()

if(z!=r):

dump(tick,fout)

elif(z==r):

f=1

except:

pass

fin.close()

fout.close()

os.remove("tickets.dat")

os.rename("temp.dat","tickets.dat")

if (f==0):

print

print "NO SUCH RESERVATION NUMBER FOUND"

print

time.sleep(2)

os.system('cls')

else:

print

print "TICKET CANCELLED"

print"RS.600 REFUNDED...."

def reservation(self):

trainno=int(raw\_input("ENTER THE TRAIN NO:"))

z=0

f=0

fin2=open("tr1details.dat")

fin2.seek(0)

if not fin2:

print "ERROR"

else:

try:

while True:

tr=load(fin2)

z=tr.gettrainno()

n=tr.gettrainname()

if (trainno==z):

print

print "TRAIN NAME IS : ",n

f=1

print

print "-"\*80

no\_ofac1st=tr.getno\_ofac1stclass()

no\_ofac2nd=tr.getno\_ofac2ndclass()

no\_ofac3rd=tr.getno\_ofac3rdclass()

no\_ofsleeper=tr.getno\_ofsleeper()

if(f==1):

fout1=open("tickets.dat","ab")

print

self.name=raw\_input("ENTER THE PASSENGER'S NAME ")

print

self.age=int(raw\_input("PASSENGER'S AGE : "))

print

print"\t\t SELECT A CLASS YOU WOULD LIKE TO TRAVEL IN :- "

print "1.AC FIRST CLASS"

print

print "2.AC SECOND CLASS"

print

print "3.AC THIRD CLASS"

print

print "4.SLEEPER CLASS"

print

c=int(raw\_input("\t\t\tENTER YOUR CHOICE = "))

os.system('cls')

amt1=0

if(c==1):

self.no\_oftickets=int(raw\_input("ENTER NO\_OF FIRST CLASS AC SEATS TO BE BOOKED : "))

i=1

while(i<=self.no\_oftickets):

self.totaf=self.totaf+1

amt1=1000\*self.no\_oftickets

i=i+1

print

print "PROCESSING. .",

time.sleep(0.5)

print ".",

time.sleep(0.3)

print'.'

time.sleep(2)

os.system('cls')

print "TOTAL AMOUNT TO BE PAID = ",amt1

self.resno=int(random.randint(1000,2546))

x=no\_ofac1st-self.totaf

print

if(x>0):

self.confirmation()

dump(self,fout1)

break

else:

self.pending()

dump(tick,fout1)

break

elif(c==2):

self.no\_oftickets=int(raw\_input("ENTER NO\_OF SECOND CLASS AC SEATS TO BE BOOKED : "))

i=1

def menu():

tr=train()

tick=tickets()

print

print "WELCOME TO PRAHIT AGENCY".center(80)

while True:

print

print "="\*80

print " \t\t\t\t RAILWAY"

print

print "="\*80

print

print "\t\t\t1. \*\*UPDATE TRAIN DETAILS."

print

print "\t\t\t2. TRAIN DETAILS. "

print

print "\t\t\t3. RESERVATION OF TICKETS."

print

print "\t\t\t4. CANCELLATION OF TICKETS. "

print

print "\t\t\t5. DISPLAY PNR STATUS."

print

print "\t\t\t6. QUIT."

print"\*\* - office use......"

ch=int(raw\_input("\t\t\tENTER YOUR CHOICE : "))

os.system('cls')

print "\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\t\t\t\t\t\t\tLOADING. .",

time.sleep(1)

print ("."),

time.sleep(0.5)

print (".")

time.sleep(2)

os.system('cls')

if ch==1:

j="\*\*\*\*\*"

r=raw\_input("\n\n\n\n\n\n\n\n\n\n\n\t\t\t\tENTER THE PASSWORD: ")

os.system('cls')

if (j==r):

x='y'

while (x.lower()=='y'):

fout=open("tr1details.dat","ab")

tr.getinput()

dump(tr,fout)

fout.close()

print"\n\n\n\n\n\n\n\n\n\n\n\t\t\tUPDATING TRAIN LIST PLEASE WAIT . .",

time.sleep(1)

print ("."),

time.sleep(0.5)

print ("."),

time.sleep(2)

os.system('cls')

print "\n\n\n\n\n\n\n\n\n\n\n"

x=raw\_input("\t\tDO YOU WANT TO ADD ANY MORE TRAINS DETAILS ? ")

os.system('cls')

continue

elif(j<>r):

print"\n\n\n\n\n"

print "WRONG PASSWORD".center(80)

elif ch==2:

fin=open("tr1details.dat",'rb')

if not fin:

print "ERROR"

else:

try:

while True:

print"\*"\*80

print"\t\t\t\tTRAIN DETAILS"

print"\*"\*80

print

tr=load(fin)

tr.output()

raw\_input("PRESS ENTER TO VIEW NEXT TRAIN DETAILS")

os.system('cls')

except EOFError:

pass

elif ch==3:

print'='\*80

print "\t\t\t\tRESERVATION OF TICKETS"

print'='\*80

print

tick.reservation()

elif ch==4:

print"="\*80

print"\t\t\t\tCANCELLATION OF TICKETS"

print

print"="\*80

print

tick.cancellation()

elif ch==5:

print "="\*80

print("PNR STATUS".center(80))

print"="\*80

print

tick.display()

elif ch==6:

quit()

raw\_input("PRESS ENTER TO GO TO BACK MENU".center(80))

os.system('cls')

menu()