

Class Ticket:

Counter=0

def __init__(self,passenger_name,source,destination):

self.__passenger_name=passenger_name

self.__source=source

self.__destination=destination

self.Counter=Ticket.counter

Ticket.counter+=1

def validate_source_destination(self):

If (self.__source=="Delhi" and (self.__destination=="Pune" or self.__destination=="Mumbai" or self.__destination=="Chennai" or self.__destination=="Kolkata")):

return True

else:

return False

def generate_ticket(self):

If True:

__ticket_id=self.__source[0]+self.__destination[0]+"0"+str(self.Counter)

Print("Ticket id will be:",__ticket_id)

else:

return False

def get_ticket_id(self):

return self.ticket_id

def get_passenger_name(self):

return self.__passenger_name

def get_source(self):

If self.__source=="Delhi":

return self.__source

else:

Print("you have written invalid source option")

return None Def

get_destination(self):

If self.__destination=="Pune":

return self.__destination

elif self.__destination=="Mumbai":

return self.__destination

elif self.__destination=="Chennai":

return self.__destination

elif self.__destination=="Kolkata":

return self.__destination

else:

return None