

```

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

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```
def get_source(self):  
    if self.__source=="Delhi":  
        return self.__source  
    else:  
        print("you have written invalid soure 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
```