

Team ID	PNT2022TMID03711
Project Name	Smart solution for Railways.

TICKET GENERATION

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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):

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        return self.__passenger_name
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
```