

TEAM ID	PNT2022TMID39027
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS

-*- coding: utf-8 -*-

"""TICKET_GENERATION.ipynb

Automatically generated by Colaboratory.

Original file is located at

<https://colab.research.google.com/drive/16dxXtSd80GZOW1jk0ILMQinBoFYLNb7W>

"""

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:

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    __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 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
```