RAILWAY RESERVATION SYSTEM

* Made a railway reservation system using **Object Oriented programming in** **Python, Data structures, Inheritance, Dictionaries and Python CSV library** where the system allows one passenger at a time to either book a ticket or cancel a ticket. This system also records the data entered by the passengers in an excel sheet with the help of CSV library.
* The booking task involves: -
* **checking availability**: - if the seats are available then the system will generate a unique seat number otherwise the passenger’s name will be incorporated into the waiting list
  + **receiving payment**: - system will ask if the passenger would like to make payment either in cash or card or net-banking; and
  + **confirm the booking: -** the system will print out the whole ticket including passenger's personal information and their seat-number.
* The cancellation task involves: -
  + - * **Check Booking: -** the system will check whether the seat number given by passenger is available in the excel sheet or not
      * **Calculate Cancellation Charges: -** 10% is deducted if the seat had been confirmed previously or 5% is deducted if the passenger's name was on the waiting list; and
      * **Refund** will be made.