1. Create an console application to book train tickets. Create a Passanger class with (Name, Age) and write a function called TicketBooking(no\_of\_tickets) that takes no.of tickets to be booked. If the no of tickets is > 2 per booking, raise an user defined exception, and print "cannot book more than 2 tickets". Else Print "Ticket Booked Successfully". Add a Test class to call TicketBooking method by accepting all required details.

2. Write a class called LoanProcess with Loan\_No, Customer Name, LoanAmount, EMI\_Amount, Account\_Balance as its members. Create a method calculate\_EMI() for the LoanAmount , with the rate of interest as 13% for a total of 3 years and store it in the EMI\_Amount. The rest of the information to be passed through constructors. Write another function CheckBalance() which checks if the Account\_Balance is less than the EMI\_AMount. If yes then throw a custom exception. Display " Not Sufficient Balance to repay Loan" in the finally. Give explanatory comments.