

**Write an application for Railway ticket reservation system.
The application should have four functionalities.**

- 1.Book**
- 2.Cancel**
- 3.Print booked tickets**
- 4.Print available tickets**

CONDITIONS FOR BOOKING:

THERE ARE A TOTAL OF 63 BERTHS FOR 63 CONFIRMED TICKETS, 18 RAC TICKETS AND 10 TICKETS IN WAITING-LIST. IF THE WAITING-LIST TICKET COUNT GOES ABOVE 10, PRINT AS 'NO TICKETS AVAILABLE'. THE FOLLOWING PASSENGER DETAILS SHOULD BE OBTAINED FROM THE USER.

NAME

AGE

BERTH PREFERENCE

CONDITIONS FOR CANCELLING:

WHENEVER A TICKET IS CANCELLED, A TICKET FROM RAC SHOULD BE CONFIRMED AND A WAITING-LIST TICKET SHOULD MOVE TO RAC.

CONDITIONS FOR PRINTING BOOKED TICKETS:

**PRINT ALL THE TICKETS THAT ARE FILLED
ALONG WITH THE PASSENGER DETAILS**

CONDITIONS FOR PRINTING AVAILABLE TICKETS:

PRINT ALL THE TICKETS THAT ARE UNOCCUPIED.