

Ticket booking:

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print("Ticket Reservation")

Tickets = int(input("\nno. of Ticket required : "))

name_l = []
age_l = []
sex_l = []
seat_l = []

for j in range(Tickets):
    name = str(input("\nName : "))
    name_l.append(name)
    age = int(input("\nAge : "))
    age_l.append(age)
    sex = str(input("\nMale or Female : "))
    sex_l.append(sex)
    s = int(input("\nEnter the seat number : "))
    seat_l.append(s)
    i = 0

print("\nTotal Ticket : ", Tickets)

for j in range(1, Tickets + 1):
    print("Ticket : ", Tickets)
    print("Name : ", name_l[i])
    print("Age : ", age_l[i])
    print("Sex : ", sex_l[i])
    if s > 0 and s < 73:
        if s % 8 == 1 or s % 8 == 4:
            print("seat number", seat_l[i], "is lower berth")
        elif s % 8 == 2 or s % 8 == 5:
            print("seat number", seat_l[i], "is middle berth")
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elif s % 8 == 3 or s % 8 == 6:  
    print ("seat number",seat_l[i],"is upper berth"),  
elif s % 8 == 7:  
    print ("seat number",seat_l[i],"is side lower berth")  
else:  
    print ("seat number",seat_l[i],"is side upper berth")  
else:  
    print ("seat number",seat_l[i],"invalid seat number")  
i += 1
```