@Override  
public int compareTo(Trip trip) {  
 if(this.getArrivalTime()> trip.getArrivalTime()){  
 return -1;  
 }  
 else if(this.getArrivalTime()< trip.getArrivalTime()){  
 return 1;  
 }  
 else{  
 if(this.getDepartureTime() > trip.getDepartureTime()){  
 return -1;  
 }  
 else if(this.getDepartureTime() < trip.getDepartureTime()){  
 return 1;  
 }  
 else{  
 return this.idOfTrip - trip.idOfTrip;  
 // if there are two trip which have the same departure and arrival time,  
 // then it will first return the trip with small id, second with the trip with bigger ID (order)  
 //instead of the +/- result of the id value  
 }  
 }  
}