Page of

**Car Pooling System - Requirement 5**

You are a very active member of a Nature Club in your organization. In one of the meetings, it was discussed to build a car pooling system to help cut down the pollution. Being very active and tech savvy, you wish to contribute towards the development of system. One of the members being an architect has understood the requirement and would be sharing you with smaller requirements.

**Requirement 5:**

Create a custom checked Exception “InvalidEmailException” with custom error message. "InvalidEmailException: Invalid Email for the user".  
Read member details from Input (Console). One line would consist details relating one member in comma separated format. Create member objects for each line and add it to an arraylist.  
a.       A valid email has an @ and ends with “.com / .org”. During the parse, if an email id is invalid, Raise the custom exception and dont add  the entity into the list.  
b.      Sort the arraylist of members based on firstname ( hint: Use Comparable).  
  
**Sample Input and Output:  
[All text in bold corresponds to input and the rest corresponds to output.]**  
  
Enter the number of Members:  
**5**  
Enter the member details:  
**1,joe,root,joe.root@a.com,1234567890,AH1,12-12-2001,12-12-2010  
2,ben,stokes,ben.stokes!a.com,2345678901,AH2,12-12-2002,12-12-2011**  
InvalidEmailException: Invalid Email for ben  
**3,virat,kohli,virat.kohli@a.com,3456789012,AH3,12-12-2003,12-12-2012  
4,ravi,varma,ravi.varma@a.in,4357689010,AH4,11-10-2003,12-10-2013**  
InvalidEmailException: Invalid Email for ravi  
**5,mahendra,bagubali,mahi.bali@abc.com,1234798012,AH5,10-02-2003,12-02-2015**  
  
The member details are:  
1,joe,root,joe.root@a.com,1234567890  
5,mahendra,bagubali,mahi.bali@abc.com,1234798012  
3,virat,kohli,virat.kohli@a.com,3456789012