

Car Pooling System - Requirement 5

Requirement 5:

1. Create a custom checked Exception "InvalidEmailException" with custom error message.
"InvalidEmailException: Invalid Email for the user".
2. 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.
3. 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.
4. Sort the arraylist of members based on firstname (hint: Use Comparable).

Sample Input and 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