



8) [10] Given a collection of ages (ArrayList<int> birthdays) remove anyone from the list that is less than 18.

9) [15] Given a collection of names (ArrayList<String> students) do the the following

- If the name ends with a vowel, remove the name.
- Else : add a period at the end of the name.

HINT: <http://docs.oracle.com/javase/6/docs/api/java/lang/String.html>

10) [15] Implement the method compareTo to sort a collection of payroll. The sorting criteria should be in ascending order. This criteria includes the year of services and the age (sort by services, age.) Assume that the Payroll class has member variables yearOfServices and age to be used inside of the compareTo. For more information, please visit :

<http://docs.oracle.com/javase/1.5.0/docs/api/java/lang/Comparable.html>

NOTE: Remember that if thisObject.x < otherObject.x returns -1 , if equal then 0 and if thisObject.x > otherObject.X = 1.

11) [20] Create an interface named iFly with a method void flyd(). Create a class that implements iFly. Just print "flying" in the method using System.out.println.

12) [20] Extra Credit: Find out how to use JOptionPane.showMessageDialog and JOptionPane.inputMessageDialog. Also find out about bufferedwriter and bufferedreader.