Download the DirectoryEntry.java and the PhoneDirectory.java from course website.

1. Write a method addOrChangeEntry for a class that has a data field theDirectory (type ArrayList<DirectoryEntry>) where class DirectoryEntry is described in section 2.3 of textbook.

/** Add an entry to theDirectory or change an existing entry.

@param aName The name of the person being added or changed

@param newNumber The new number to be assigned

@return The old number, or if a new entry, null */

public String addOrChangeEntry(String aName, String newNumber) {...}

2. Write a removeEntry method.

/** Remove an entry.

@param aName The name of the person being removed

@return The entry removed, or null if there is no entry for aName */

public DirectoryEntry removeEntry(String aName) { }

Material to be submitted:

Submit your source files online into the dropbox on the course website.