

Identifying Code Smell

Code Smell #1

Locations:	<ul style="list-style-type: none">• loadContacts() method in ContactList class and loadItems() method in ItemList class• saveContacts () method in ContactList class and saveItems () method in ItemList class
Type of code small:	Duplicated Code
Description:	<p>Both loadContacts() and loadItems() method have the same implementation. If either loadContacts() or loadItems() needs to change, the changes have to be done in more than 1 location.</p> <p>The same situation exists for saveContacts() and saveItems() method.</p>
Solution:	Create a separate Class that handles storage and loading of data that happen across these few classes.

Code Smell #2

Locations:	saveContact() method in EditContactActivity class
Type of code small:	Redundant comments
Description:	<p>The comments that appeared in this method are redundant as they merely read what the is doing and did not explain why the code is performs that way at the point of comment. Because of this, we can see this as excessive commenting which can be overlooked during code change and the comments become outdated. Outdated comments in turn affects the subsequent readers understanding of the comments.</p>
Solution:	Remove those lines of code that are redundant (i.e., merely repeat what the code syntax is meant to do), and focus on writing comments to explain the “Why”.