**Learning Outcomes**

1. Simple ListView Control
2. Understanding ListActivity and ArrayAdapter

**ListActivity**

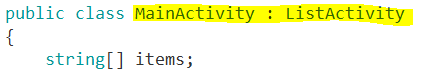
Android includes built-in ListActivity that you can use without defining any custom layout XML or code. The ListActivity class automatically creates a ListView and exposes a ListAdapter property to supply the row views to display via an adapter.

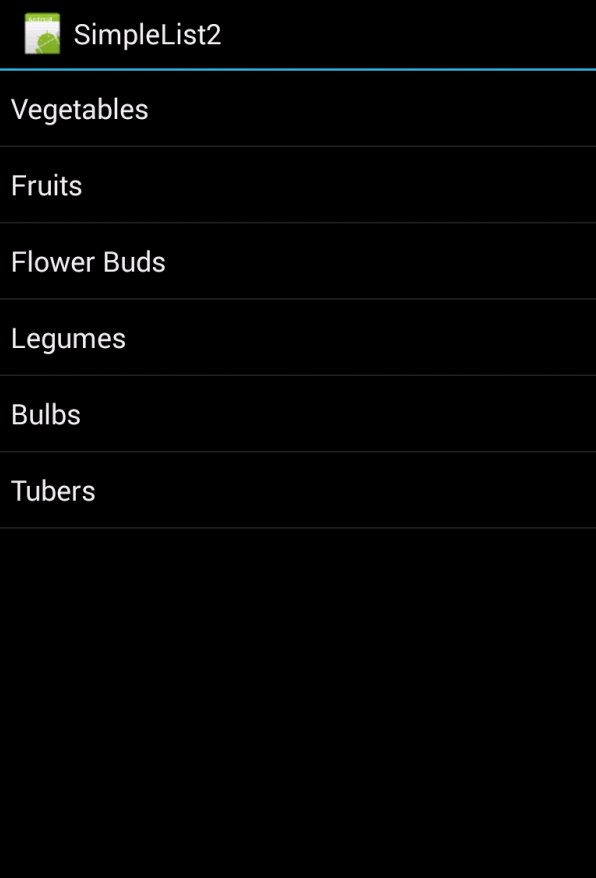
**SimpleListItem1**



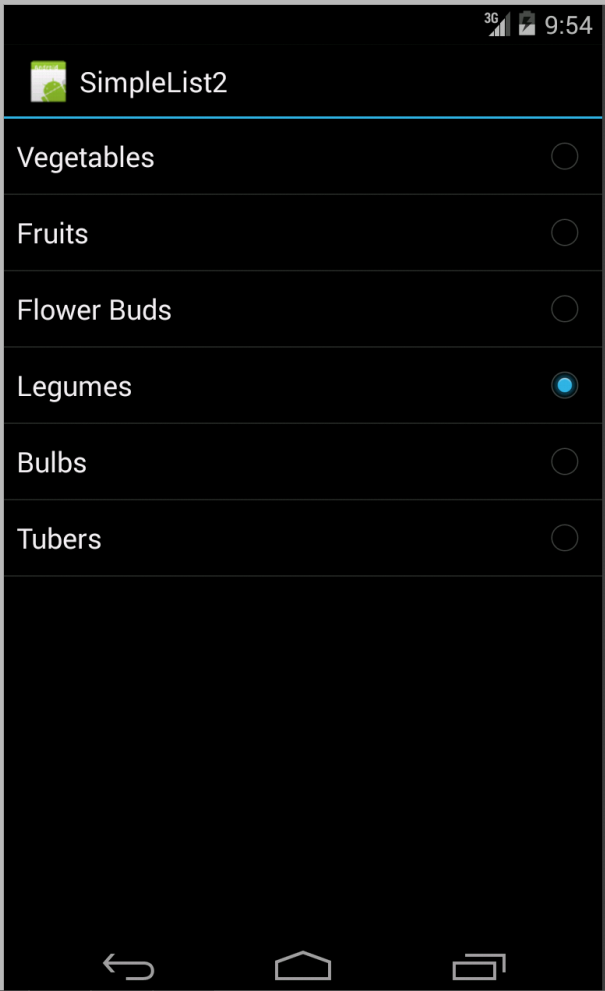
**Points to Note**

Inheriting your main activity as a ListActivity





**Variations**



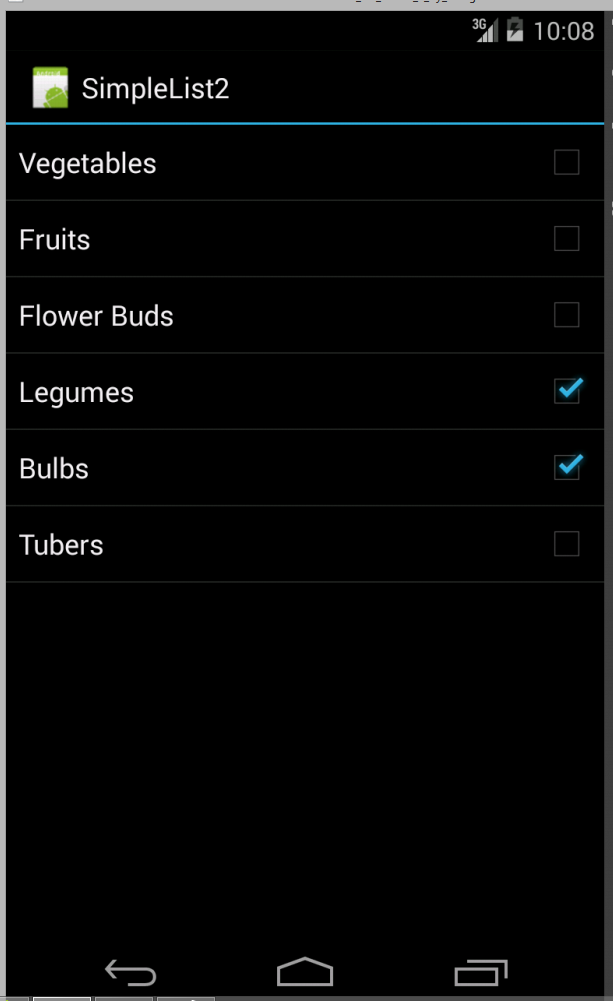
**For a Single Selected Item**



Note the difference



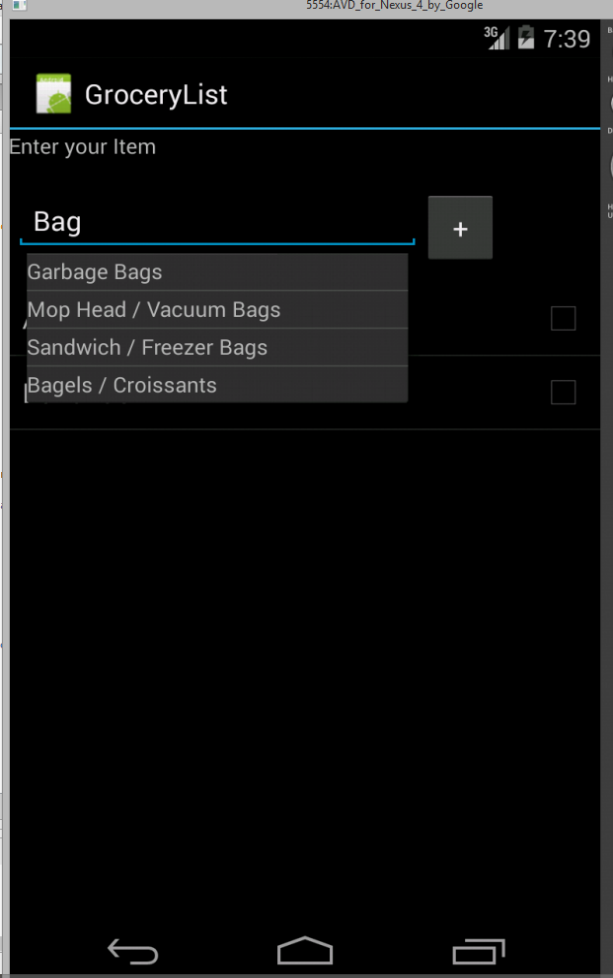
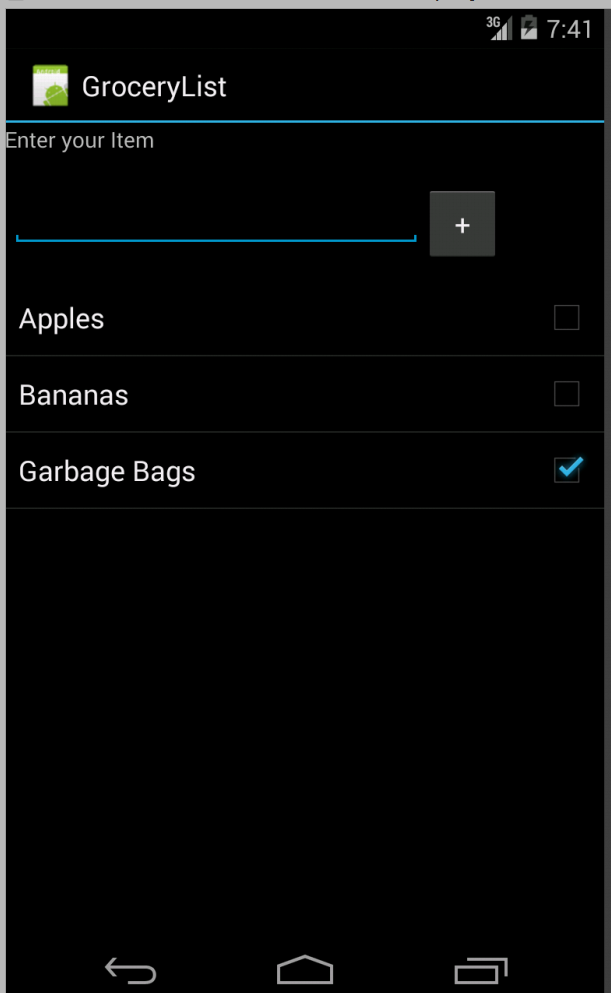
**For Multiple Selection**

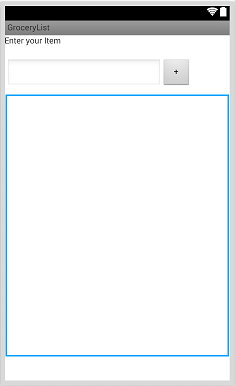


**Modify the code as follows**



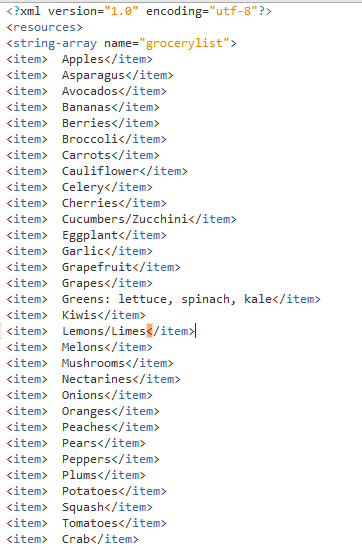
**Simple GroceryList App**

****

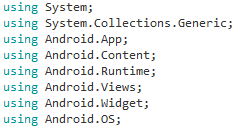


Label, autocomplete textbox, button and a listview

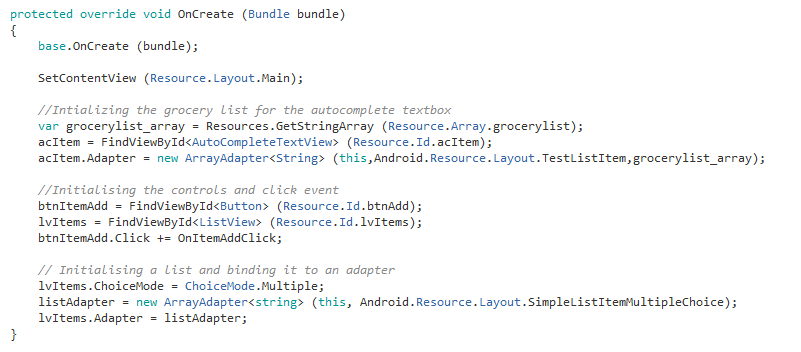
*Add your grocery Items in Strings.xml*

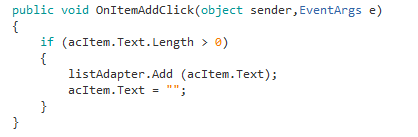


**Code**



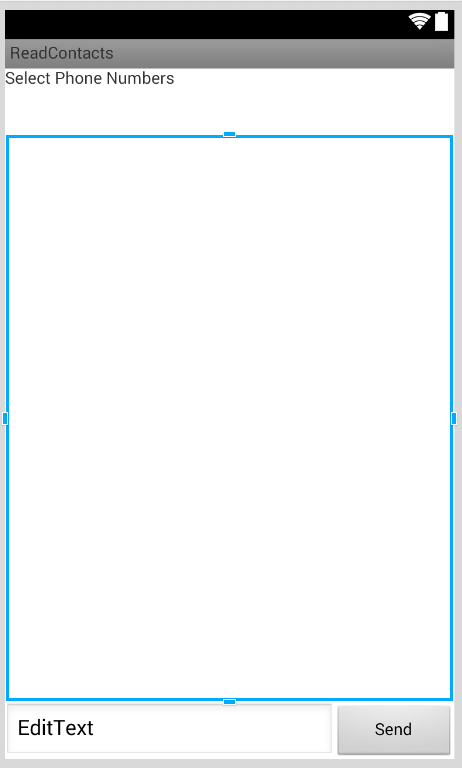






**Send Text Message to Contacts (Bulk Texting)**

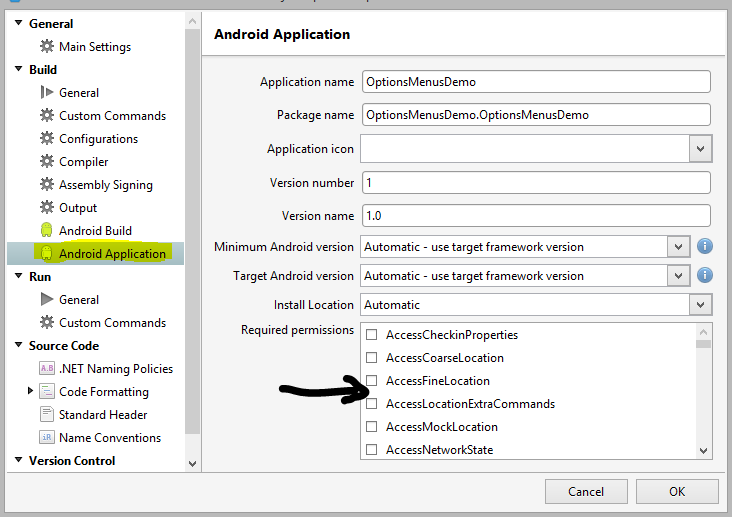
In this app the user can send a text to multiple users. The app allows you to select a number of users and send them a text.



Permission required are SendSMS and Read Contacts. The permissions are set in the AndroidManifest.xml file.

In Xamarin you can do it via Project Options.

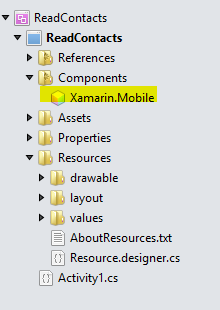
Go to Project -> (Your Project Name) Options







Need to add the Xamarine.Mobile component to be able to read contacts of your phone.



Add the appropriate using directives

