ASSIGNMENT-2 CONTACTS

In this assignment a contact app was implemented using fragments.

To display the contacts in list view, I have used three list view adapters:

1) In Contacts:
   In contacts activity, an adapter with text view to display name and checkbox to select items for deletion
2) In Add Contacts:
   In this activity, an adapter with text view to display name and checkbox to select for relation is included
3) In Contact Details:
   In this activity a single text box to display the relation's names is used

The Main Activity maintains an ArrayList known as contact list to maintain the list of all the contacts given by the user and their relations. For this a separate class known as Class is implemented which has the following members:

1) Contact Name: To save name
2) Contact Number: To save number
3) Relation list of contacts: To save the relations

When the user clicks the Add button, a new activity is started prompting the user to enter the details of the contact. This is updated in the main in contact_list. When the user ticks checkboxes and selects option to delete, a for loop is used to check if the item is selected for deletion and is deleted.

All the data required in the fragments are sent using Bundles from the main activity and the contact_list is updated in the main activity using interface.