1. **Design an application that contains Phone Contacts in vertical linear manner. Selected contact appears at the top of the list with a large italicized font and a blue background.**

**Activity\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context="mca.acharya.com.lab1.MainActivity"**>  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:textSize="24dp"  
 android:textColor="#fff"  
 android:background="#3100d4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
 <**ListView  
 android:id="@+id/listView1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
 </**ListView**>  
  
</**LinearLayout**>

**strings.xml**

<**resources**>  
 <**string name="app\_name"**>Lab1</**string**>  
 <**string-array name="li\_contact"**>  
 <**item**>Mrittunjoy 9932994242</**item**>  
 <**item**>Pallabi 8899001122</**item**>  
 <**item**>Kamal 9898776600</**item**>  
 </**string-array**>  
</**resources**>

**MainActivity.java**

**package** mca.acharya.com.lab1;  
  
**import** android.graphics.Typeface;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.AdapterView;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.ListView;  
**import** android.widget.TextView;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 ListView **listView**;  
 TextView **txtSelect**;  
 String[] **contactList**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **contactList**=getResources().getStringArray(R.array.***li\_contact***);  
  
 **txtSelect**=(TextView) findViewById(R.id.***textView1***);  
 **listView**=(ListView) findViewById(R.id.***listView1***);  
  
 **final** ArrayAdapter<String> adapter = **new** ArrayAdapter<String>(**this**,android.R.layout.***simple\_list\_item\_1***,**contactList**);  
 **listView**.setAdapter(adapter);  
  
 **listView**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> adapterView, View view, **int** position, **long** l) {  
 String value=adapter.getItem(position);  
 **txtSelect**.setText(value);  
 **txtSelect**.setTypeface(**null**, Typeface.***BOLD\_ITALIC***);  
 }  
 });  
  
 }  
}