<?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="horizontal"  
 android:weightSum="1.0"  
 tools:context=".MainActivity">  
  
 <fragment  
 android:layout\_height="match\_parent"  
 android:layout\_width="match\_parent"  
 class="com.example.myapplication.MenuFragment"  
 android:id="@+id/fragment"  
 android:layout\_weight="0.5"/>  
  
 <FrameLayout  
 android:id="@+id/frameLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="0.5">  
  
 <fragment  
 android:id="@+id/fragment2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="0.5" />  
 </FrameLayout>  
  
</LinearLayout>

package com.example.myapplication;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.app.Fragment;  
import android.app.FragmentManager;  
import android.app.FragmentTransaction;  
  
  
public class MainActivity extends AppCompatActivity implements Communicator {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 loadFragment(new Fragment());  
 }  
  
  
 private void loadFragment(Fragment fragment) {  
 // create a FragmentManager  
 FragmentManager fm = getFragmentManager();  
 // android.support.v4.app.FragmentManager fm=getSupportFragmentManager();  
  
 // create a FragmentTransaction to begin the transaction and replace the Fragment  
 FragmentTransaction fragmentTransaction =  
 fm.beginTransaction();  
  
 // replace the FrameLayout with new Fragment  
 fragmentTransaction.replace(R.id.*frameLayout*,fragment);  
  
 //fragmentTransaction.add(R.id.firstFragment,fragment);  
 fragmentTransaction.commit(); // save the changes  
 }  
  
  
 @Override  
 public void change(String i) {  
 android.support.v4.app.FragmentManager fm= getSupportFragmentManager();  
 TextFragment f= (TextFragment)fm.findFragmentById(R.id.*fragment2*);  
 f.change(i);  
  
 }  
}

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MenuFragment">  
  
 <ListView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/listview" />  
  
</LinearLayout>

package com.example.myapplication;  
  
import android.content.Context;  
import android.net.Uri;  
import android.os.Bundle;  
import android.support.v4.app.Fragment;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
  
  
*/\*\*  
 \* A simple {****@link*** *Fragment} subclass.  
 \* Activities that contain this fragment must implement the  
 \* {****@link*** *MenuFragment.OnFragmentInteractionListener} interface  
 \* to handle interaction events.  
 \* Use the {****@link*** *MenuFragment#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class MenuFragment extends Fragment implements AdapterView.OnItemClickListener {  
 String[] AndroidOS = new String[]{"Cupcake", "Donut", "Eclair", "Froyo", "Gingerbread", "Honeycomb", "Ice Cream SandWich", "Jelly Bean", "KitKat"};  
 String[] Version = new String[]{"1.5", "1.6", "2.0-2.1", "2.2", "2.3", "3.0-3.2", "4.0", "4.1-4.3", "4.4"};  
  
 @Override  
  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 View view = inflater.inflate(R.layout.*fragment\_blank*, container, false);  
 ArrayAdapter<String> adapter = new ArrayAdapter<String>(getActivity(),  
 android.R.layout.*simple\_list\_item\_1*, AndroidOS);  
 ListView lv = view.findViewById(R.id.*listview*);  
 lv.setAdapter(adapter);  
 lv.setOnItemClickListener(this);  
  
 return view;  
  
 }  
  
  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 String s = view.toString();  
 Communicator comm;  
 comm= (Communicator) getActivity();  
 comm.change(s);  
  
 }  
  
}

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:gravity="center"  
 android:background="#5ba4e5"  
 android:layout\_height="match\_parent"  
 tools:context=".TextFragment">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="40px"  
 android:textColor="#ffffff"  
 android:text="Android OS"  
 android:layout\_gravity="center"  
 android:id="@+id/AndroidOs"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:textColor="#ffffff"  
 android:text="Android Version"  
 android:textSize="30px"  
 android:id="@+id/Version"/>  
  
</LinearLayout>

package com.example.myapplication;  
  
import android.content.Context;  
import android.net.Uri;  
import android.os.Bundle;  
import android.support.v4.app.Fragment;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
  
*/\*\*  
 \* A simple {****@link*** *Fragment} subclass.  
 \* Activities that contain this fragment must implement the  
 \* {****@link*** *TextFragment.OnFragmentInteractionListener} interface  
 \* to handle interaction events.  
 \* Use the {****@link*** *TextFragment#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class TextFragment extends Fragment implements Communicator{  
  
 TextView t1,t2;  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 // Inflate the layout for this fragment  
 View view =inflater.inflate(R.layout.*fragment\_blank\_fragment2*, container, false);  
  
  
 t1=getActivity().findViewById(R.id.*AndroidOs*);  
 t2=getActivity().findViewById(R.id.*Version*);  
  
 return view;  
  
 }  
  
 @Override  
 public void change(String i) {  
 t1.setText(i);

t2.setText(i);  
 }  
}

package com.example.myapplication;  
  
interface Communicator {  
 void change(String i);  
}