

FRAGMENT EXAMPLE-2

Main activity 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=".MainActivity">

    <fragment
        android:id="@+id/fragment"
        class="com.example.fragmentexample2.FragmentFruit"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />

    <fragment
        android:id="@+id/fragment2"
        class="com.example.fragmentexample2.FragmentFruit_Description"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />

</LinearLayout>
```

Main Activity Java

```
package com.example.fragmentexample2;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

Fragment Activity XML

```
<?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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".FragmentFruit">

    <ListView
        android:id="@android:id/list"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="#F197F0" />
```

</LinearLayout>

Fragment Activity java

```
package com.example.fragmentexample2;

import android.os.Bundle;

import androidx.fragment.app.ListFragment;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ArrayAdapter;
import android.widget.ListView;

import java.util.List;

public class FragmentFruit extends ListFragment {
    String[] fruit=new String[] {"Apple","Orange","Grapes","Mango"};
    String[] fruitdesc=new String[]{"RED","ORANGE","PURPLE","YELLOW"};

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view= inflater.inflate(R.layout.fragment_fruit, container, false);
        ArrayAdapter<String> adapter=new ArrayAdapter<>(getActivity(),
            android.R.layout.simple_expandable_list_item_1, fruit);
        setListAdapter(adapter);
        return view;
    }
    @Override
    public void onListItemClick(ListView l, View v, int position, long id){
        FragmentFruit_Description txt=(FragmentFruit_Description)
getFragmentManager().findFragmentById(R.id.fragment2);
        txt.change("Fruit Name:"+fruit[position],"Fruit Description:"+fruitdesc[position]);
        getListView().setSelector(android.R.color.holo_blue_bright);
    }
}
```

Fragment 2 XML

```
<?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:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#37F13F"
    android:orientation="vertical"
    tools:context=".FragmentFruit_Description">

    <TextView
        android:id="@+id/fruitname"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="200px"
        android:layout_marginLeft="200px"
        android:layout_marginTop="200px"
        android:textColor="#1B1C1C" />
```

```

<TextView
    android:id="@+id/fruitdesc"

    android:layout_width="279dp"
    android:layout_height="64dp"
    android:layout_marginStart="200px"
    android:layout_marginLeft="200px"
    android:textColor="#0A0B0B" />

```

```

</LinearLayout>

```

Fragment 2 Java

```

package com.example.fragmentexample2;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;

public class FragmentFruit_Description extends Fragment {
    TextView fruitname,fruitdesc;

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view =inflater.inflate(R.layout.fragment_fruit_description, container, false);
        fruitname=(TextView)view.findViewById(R.id.fruitname);
        fruitdesc=(TextView)view.findViewById(R.id.fruitdesc);
        return view;
    }

    public void change(String fname, String fdesc){
        fruitname.setText(fname);
        fruitdesc.setText(fdesc);
    }
}

```



