

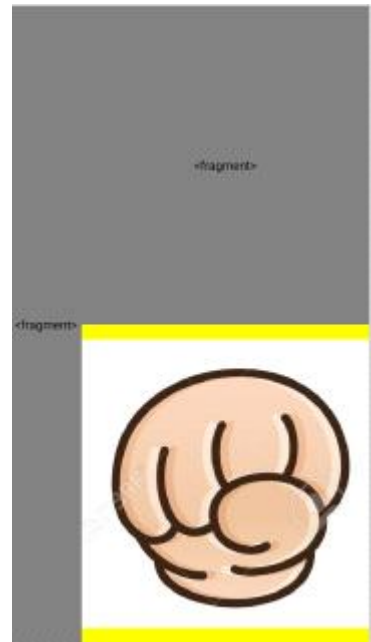
```
<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    tools:context=".MainActivity">

    <fragment
        android:id="@+id/listfragment"
        android:layout_width="0dp"
        android:layout_height="match_parent"
        android:name="com.ict.ex42_listfragment.List_Fragment"
        android:layout_weight="1"/>

    <LinearLayout
        android:layout_width="0dp"
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:background="#fff0"
        android:layout_weight="4">

        <fragment
            android:id="@+id/viewfragment"
            android:layout_width="match_parent"
            android:name="com.ict.ex42_listfragment.View_Fragment"
            android:layout_height="0dp"
            android:layout_weight="1"/>

        <ImageView
            android:layout_width="match_parent"
            android:layout_height="0dp"
            android:layout_weight="1"
            android:src="@drawable/two"/>
    </LinearLayout>
</LinearLayout>
```



```
<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <ListView
        android:id="@+id/list"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />
</LinearLayout>
```

Item 1
Sub Item 1
Item 2
Sub Item 2
Item 3
Sub Item 3
Item 4
Sub Item 4

```
<?xml version="1.0" encoding="utf-8" ?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">

    <TextView
        android:id="@+id/name"
        android:textSize="24sp"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />

    <TextView
        android:id="@+id/addr"
        android:textSize="24sp"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
```

```
package com.ict.ex42_listfragment;

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);
    }
}
```

```
public class List_Fragment extends Fragment {
    ListView list;
    String[] users = {"홍길동", "임꺽정", "장길산", "일지매"};
    String[] addr = {"충청도", "함경도", "제주도", "전라도"};

    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup
        container, @Nullable Bundle savedInstanceState) {
        ViewGroup vg =
            (ViewGroup)inflater.inflate(R.layout.list_fragment, container, false);
        list = vg.findViewById(R.id.list);

        // 리스트뷰 어댑터를 사용해야 한다.
        ArrayAdapter<String> adapter =
            new ArrayAdapter<>(getContext(), android.R.layout.simple_list_item_1,users);
        list.setAdapter(adapter);

        list.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {
                // int i(position), long l(id)
                // 보여줄 프래그먼트 생성
                View_Fragment view_fragment =
                    (View_Fragment)getFragmentManager().findFragmentById(R.id.viewfragment);
                view_fragment.userChange("이름 : " + users[i], "주소 : " + addr[i]);
            }
        });
        return vg;
    }
}
```



```
public class View_Fragment extends Fragment {
    TextView name, addr;

    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup
        container, @Nullable Bundle savedInstanceState) {
        ViewGroup vg =
            (ViewGroup)inflater.inflate(R.layout.view_fragment,container,false);
        name = vg.findViewById(R.id.name);
        addr = vg.findViewById(R.id.addr);
        return vg;
    }

    // List_Fragment에서 이벤트가 발생하면 실행하는 메소드
    public void userChange(String name, String addr){
        this.name.setText(name);
        this.addr.setText(addr);
    }
}
```

