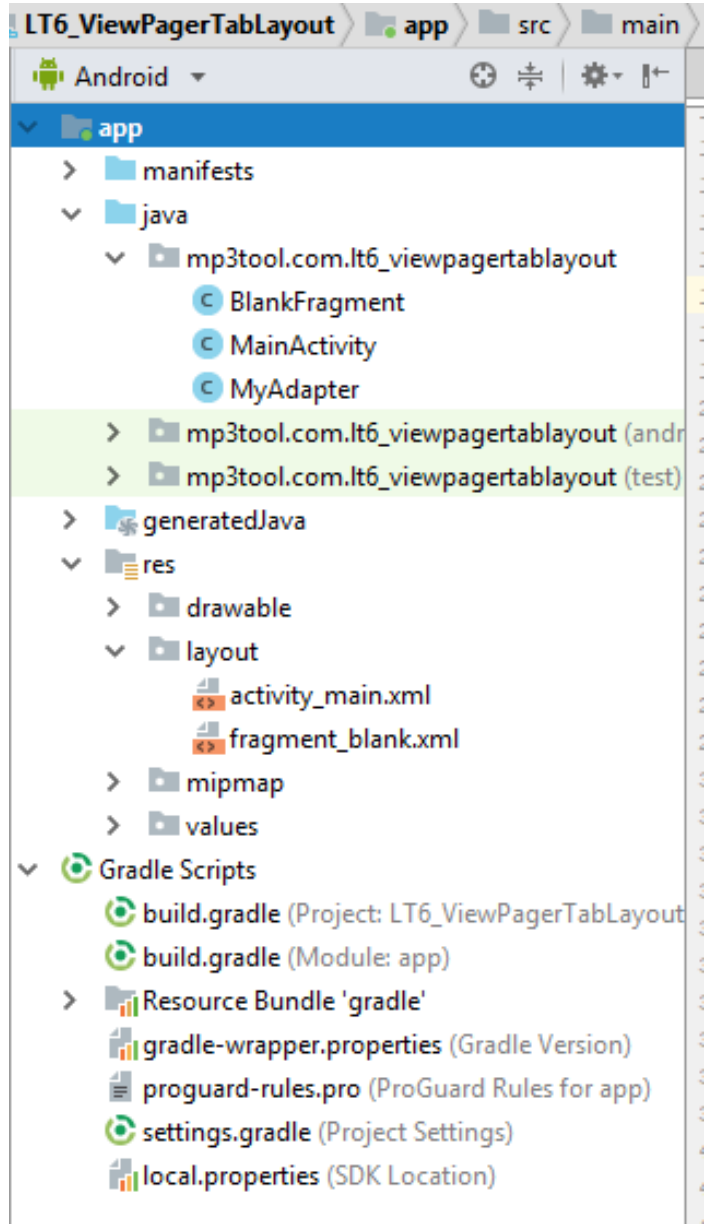
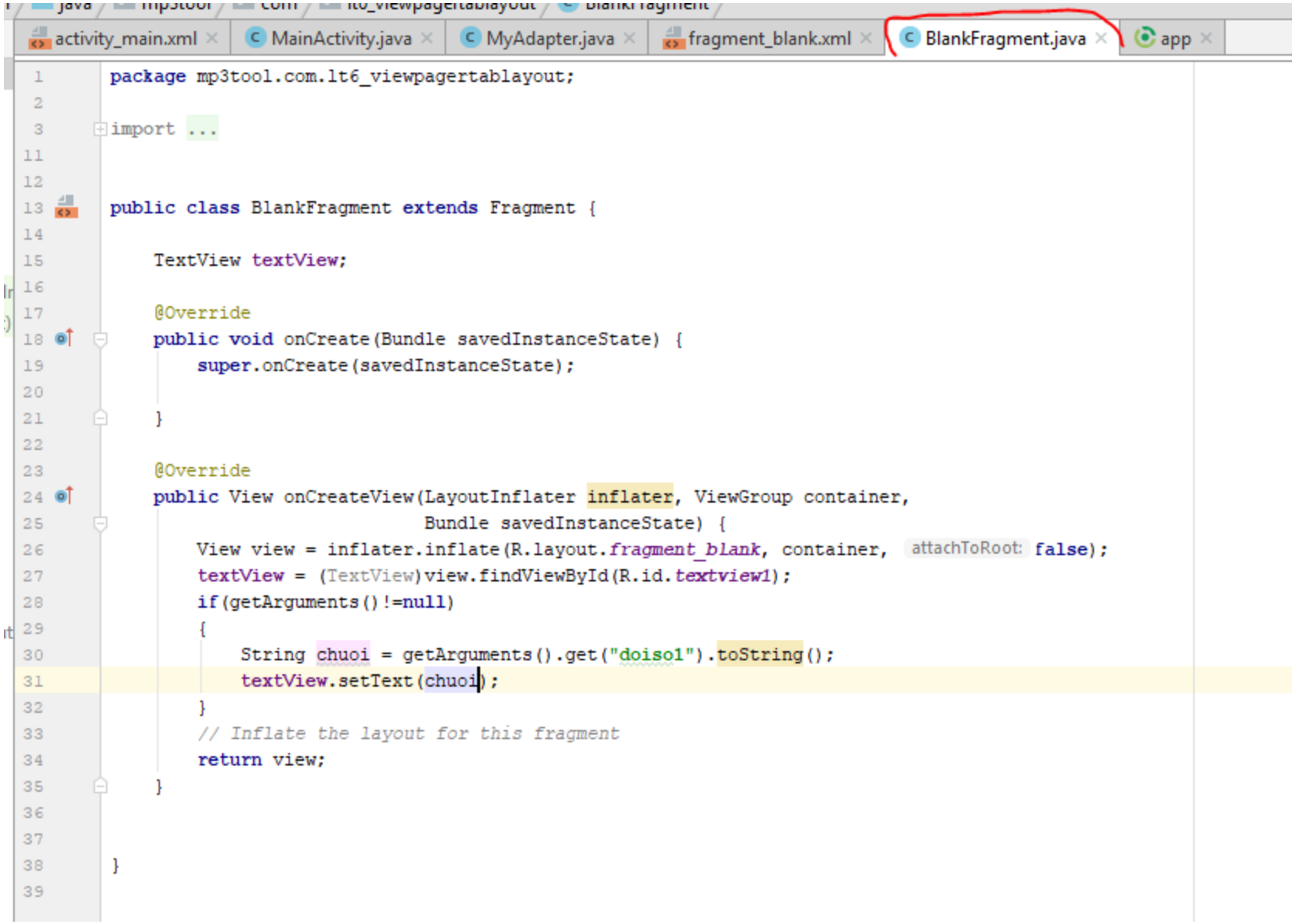
ViewPager + TabLayout


LT6_ViewPagerTabLayout
app
src
main
Android
app
manifests
java
mp3tool.com.lt6_viewpagertablayout
BlankFragment
MainActivity
MyAdapter
mp3tool.com.lt6_viewpagertablayout (andr
mp3tool.com.lt6_viewpagertablayout (test)
generatedJava
res
drawable
layout
activity_main.xml
fragment_blank.xml
mipmap
values
Gradle Scripts
build.gradle (Project: LT6_ViewPagerTabLayout
build.gradle (Module: app)
Resource Bundle 'gradle'
gradle-wrapper.properties (Gradle Version)
proguard-rules.pro (ProGuard Rules for app)
settings.gradle (Project Settings)
local.properties (SDK Location)


activity_main.xml
MainActivity.java
MyAdapter.java
fragment_blank.xml
BlankFragment.java
app
1 package mp3tool.com.lt6_viewpagertablayout;
2
3 import ...
11
12
13 public class BlankFragment extends Fragment {
14
15 TextView textView;
16
17 @Override
18 public void onCreate(Bundle savedInstanceState) {
19 super.onCreate(savedInstanceState);
20
21 }
22
23 @Override
24 public View onCreateView(LayoutInflater inflater, ViewGroup container,
25 Bundle savedInstanceState) {
26 View view = inflater.inflate(R.layout.fragment_blank, container, attachToRoot: false);
27 textView = (TextView)view.findViewById(R.id.textview1);
28 if(getArguments()!=null)
29 {
30 String chuoi = getArguments().get("doiso1").toString();
31 textView.setText(chuoi);
32 }
33 // Inflate the layout for this fragment
34 return view;
35 }
36
37
38 }
39

activity_main.xml | MainActivity.java | MyAdapter.java | fragment_blank.xml | BlankFragment.java

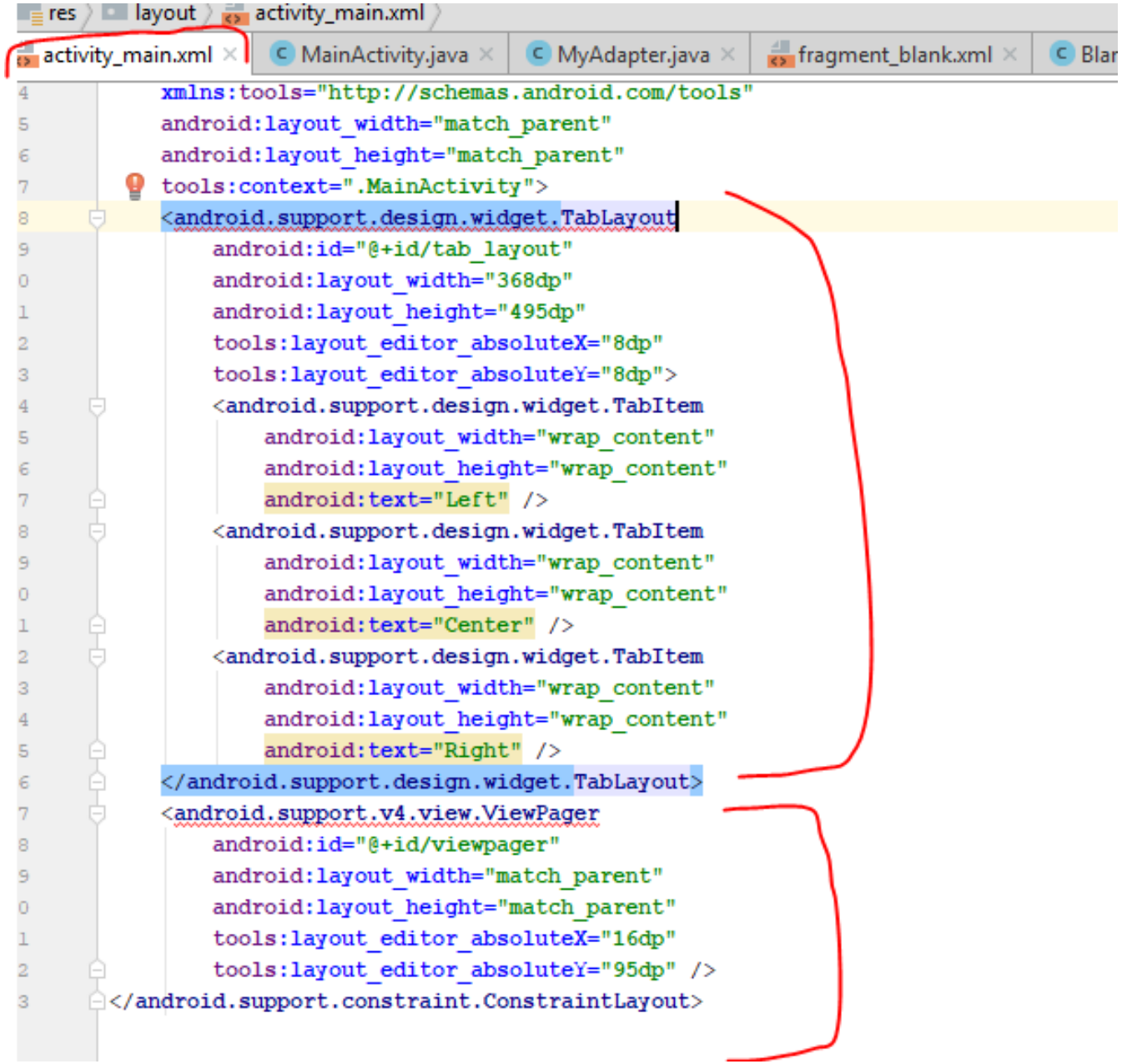
```xml
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".BlankFragment">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:id="@+id/textview1"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="Hello blank fragment" />

</FrameLayout>
```

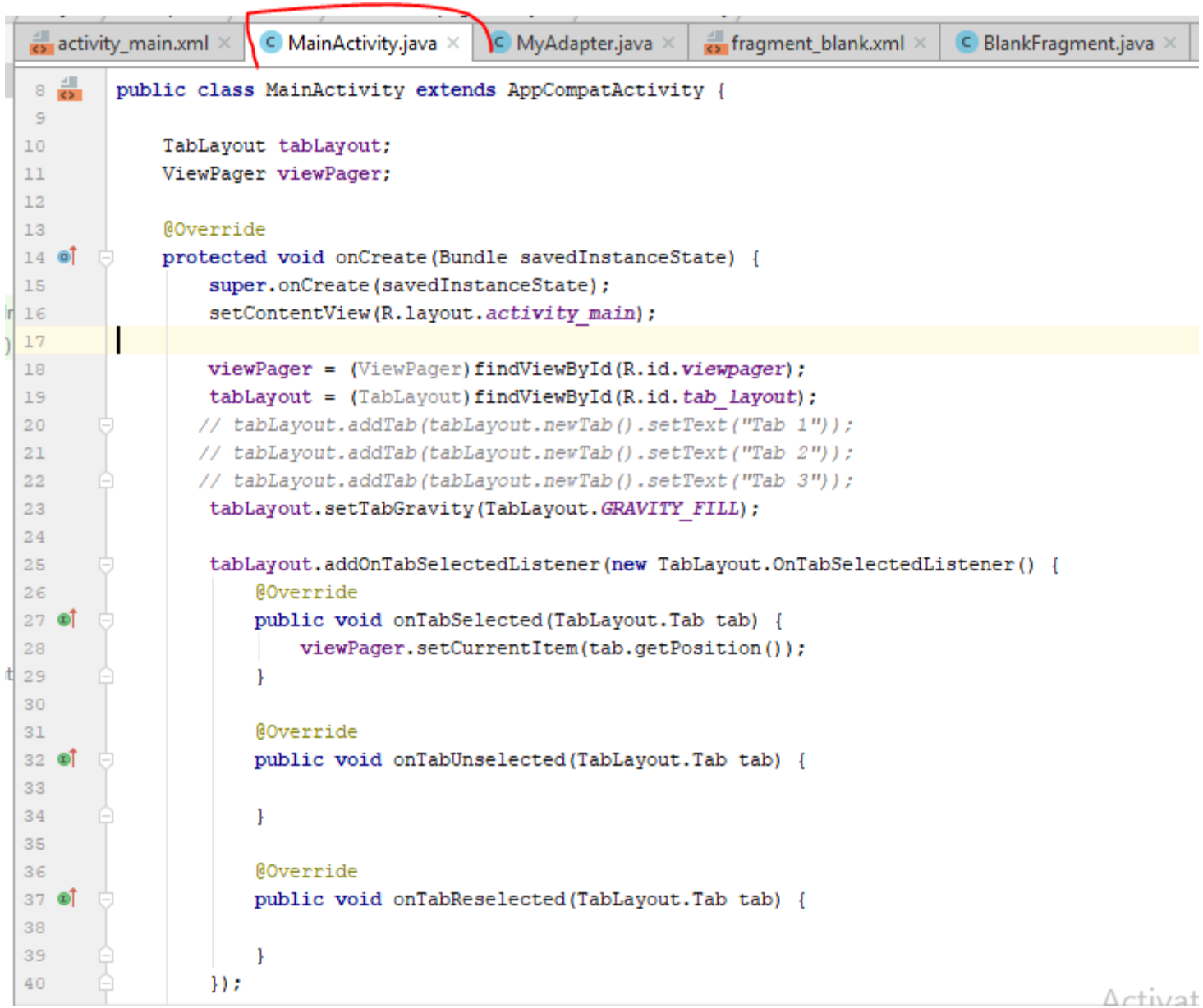
activity_main.xml | MainActivity.java | MyAdapter.java | fragment_blank.xml | BlankFragment.ja

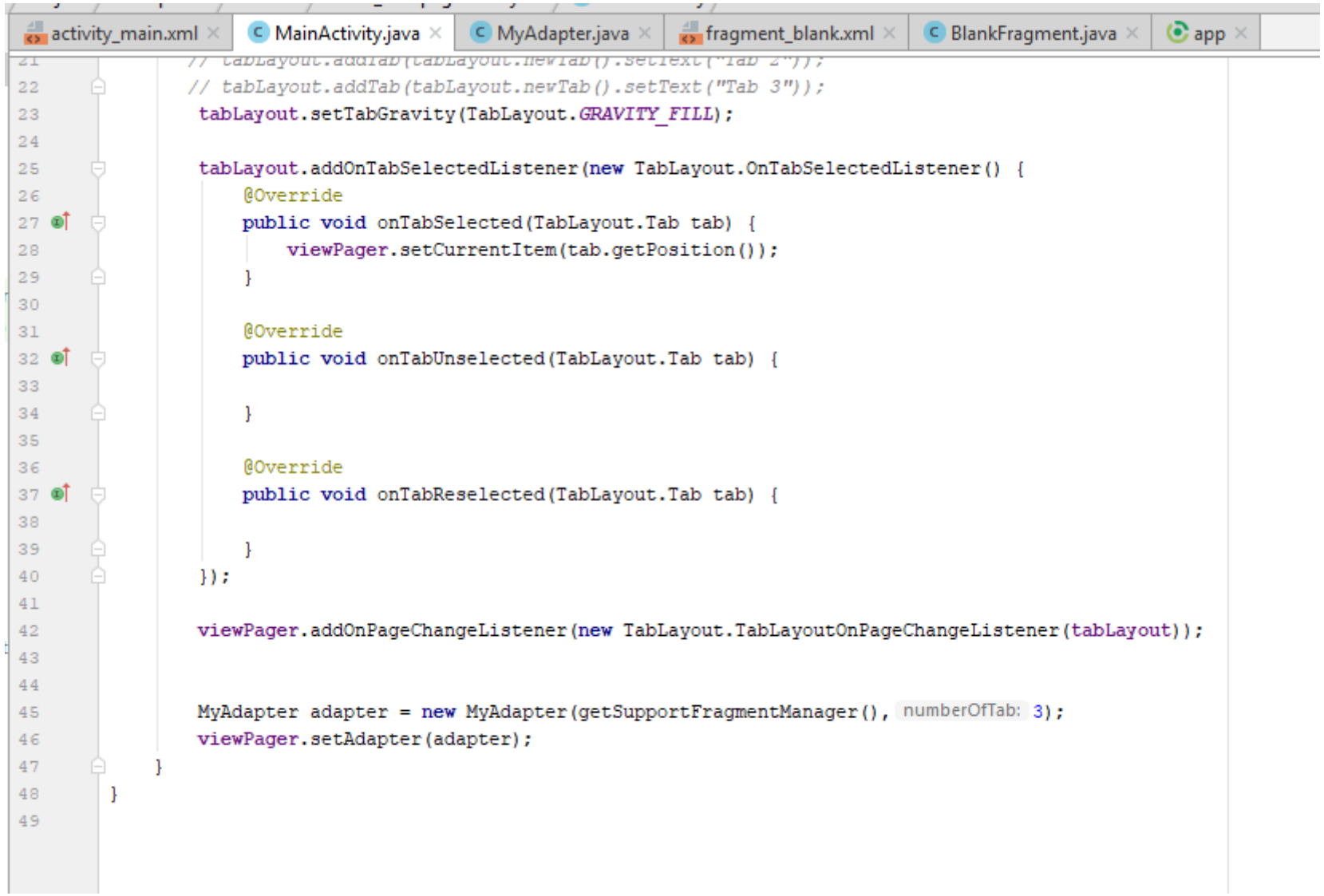
```java
package mp3tool.com.lt6_viewpagertablayout;

import android.os.Bundle;
import android.support.v4.app.Fragment;
import android.support.v4.app.FragmentManager;
import android.support.v4.app.FragmentStatePagerAdapter;

public class MyAdapter extends FragmentStatePagerAdapter {

    int numberOfTab;
    public MyAdapter(FragmentManager fm, int numberOfTab) {
        super(fm);
        this.numberOfTab = numberOfTab;
    }

    @Override
    public Fragment getItem(int position) {
        BlankFragment fragment = new BlankFragment();
        Bundle bundle = new Bundle();
        bundle.putString("doiso1",position+"");
        fragment.setArguments(bundle);
        return fragment;
    }

    @Override
    public int getCount() { return numberOfTab; }
}
```

activity_main.xml | MainActivity.java | MyAdapter.java | fragment_blank.xml | BlankFragment.java | app

```
android {
    compileSdkVersion 28
    defaultConfig {
        applicationId "mp3tool.com.lt6_viewpagertablayout"
        minSdkVersion 15
        targetSdkVersion 28
        versionCode 1
        versionName "1.0"
        testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
        }
    }
}

dependencies {
    implementation fileTree(dir: 'libs', include: ['*.jar'])
    implementation 'com.android.support:appcompat-v7:28.0.0'
    implementation 'com.android.support.constraint:constraint-layout:1.1.3'
    testImplementation 'junit:junit:4.12'
    androidTestImplementation 'com.android.support.test:runner:1.0.2'
    androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.2'
    implementation 'com.android.support:design:28.0.0'
    implementation 'com.android.support:support-v4:28.0.0'
}
```


res
layout
activity_main.xml
activity_main.xml
MainActivity.java
MyAdapter.java
fragment_blank.xml
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
<android.support.design.widget.TabLayout
android:id="@+id/tab_layout"
android:layout_width="368dp"
android:layout_height="495dp"
tools:layout_editor_absoluteX="8dp"
tools:layout_editor_absoluteY="8dp">
<android.support.design.widget.TabItem
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Left" />
<android.support.design.widget.TabItem
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Center" />
<android.support.design.widget.TabItem
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Right" />
</android.support.design.widget.TabLayout>
<android.support.v4.view.ViewPager
android:id="@+id/viewpager"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:layout_editor_absoluteX="16dp"
tools:layout_editor_absoluteY="95dp" />
</android.support.constraint.ConstraintLayout>


activity_main.xml
MainActivity.java
MyAdapter.java
fragment_blank.xml
BlankFragment.java
public class MainActivity extends AppCompatActivity {
TabLayout tabLayout;
ViewPager viewPager;
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
viewPager = (ViewPager)findViewById(R.id.viewpager);
tabLayout = (TabLayout)findViewById(R.id.tab_layout);
// tabLayout.addTab(tabLayout.newTab().setText("Tab 1"));
// tabLayout.addTab(tabLayout.newTab().setText("Tab 2"));
// tabLayout.addTab(tabLayout.newTab().setText("Tab 3"));
tabLayout.setTabGravity(TabLayout.GRAVITY_FILL);
tabLayout.addOnTabSelectedListener(new TabLayout.OnTabSelectedListener() {
@Override
public void onTabSelected(TabLayout.Tab tab) {
viewPager.setCurrentItem(tab.getPosition());
}
@Override
public void onTabUnselected(TabLayout.Tab tab) {
}
@Override
public void onTabReselected(TabLayout.Tab tab) {
}
});


activity_main.xml
MainActivity.java
MyAdapter.java
fragment_blank.xml
BlankFragment.java
app
// tabLayout.addTab(tabLayout.newTab().setText("Tab 2"));
// tabLayout.addTab(tabLayout.newTab().setText("Tab 3"));
tabLayout.setTabGravity(TabLayout.GRAVITY_FILL);
tabLayout.addOnTabSelectedListener(new TabLayout.OnTabSelectedListener() {
@Override
public void onTabSelected(TabLayout.Tab tab) {
viewPager.setCurrentItem(tab.getPosition());
}
@Override
public void onTabUnselected(TabLayout.Tab tab) {
}
@Override
public void onTabReselected(TabLayout.Tab tab) {
}
});
viewPager.addOnPageChangeListener(new TabLayout.TabLayoutOnPageChangeListener(tabLayout));
MyAdapter adapter = new MyAdapter(getSupportFragmentManager(), numberOfTab: 3);
viewPager.setAdapter(adapter);
}
}