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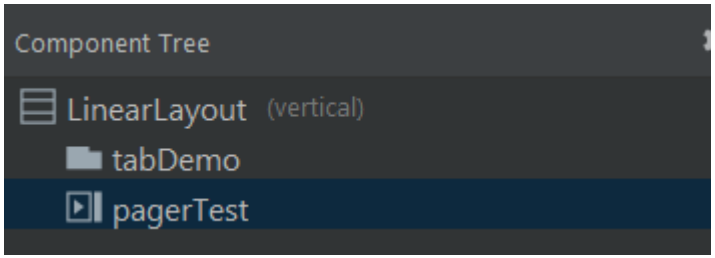
AndroidStudio
Kotlin
Bài 18

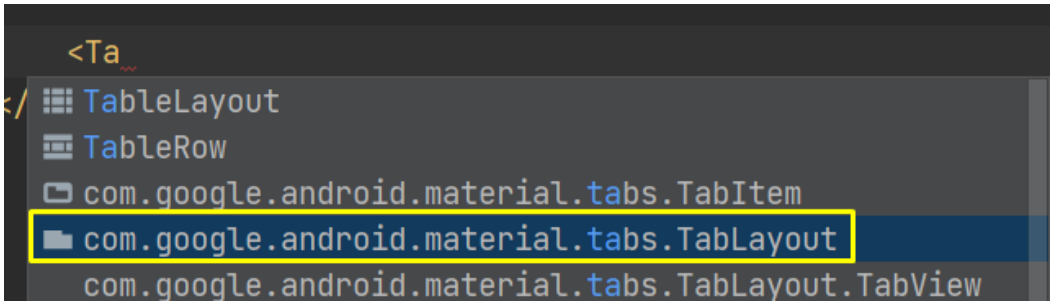
Android studio
Dễ Hiểu - Dễ học

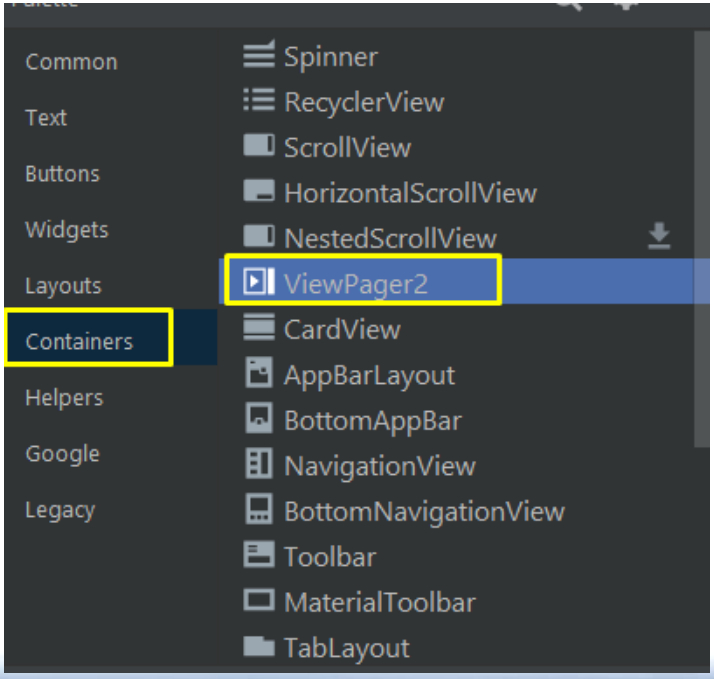
TabLayout & ViewPager2 Kotlin

1 TabLayout & ViewPager2

❑ Add tablayout, viewpager2 vào giao diện :







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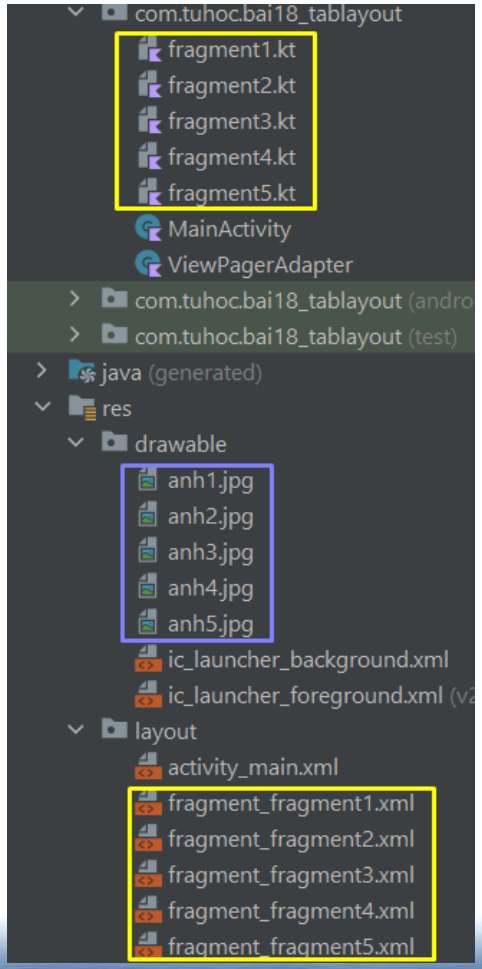
❑ 2. Step 1- tạo các fragments– Đưa hình ảnh vào drawable:



Ảnh để trong drawable
và code toàn bộ bài 18
Pass unrar : tuhoc180

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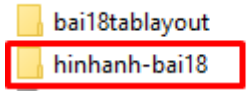
18.bai18-androikotlin.zip



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❑ step 1. Code trong fragments :

fragment_fragment1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.a
    xmlns:app="http://schemas.android.com/ap
    xmlns:tools="http://schemas.android.com/
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".fragment1">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:adjustViewBounds="true"
        android:scaleType="centerCrop"
        android:src="@drawable/anh1" />
</FrameLayout>
```

fragment1.kt

```
class fragment1 : Fragment(R.layout.fragment_fragment1) {
}
```

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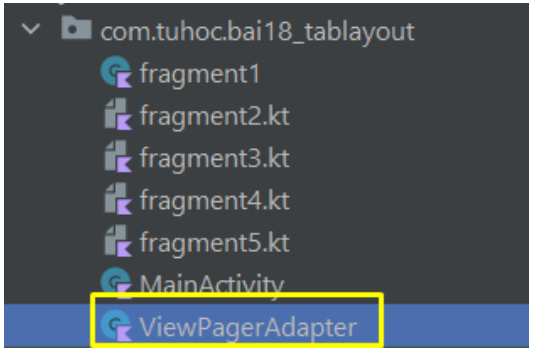
❑ 3. Step 2- tạo class Adapter:

```
class ViewPagerAdapter(fragmentManager: FragmentManager,lifecycle: Lifecycle):
    FragmentStateAdapter(fragmentManager,lifecycle) {
    //ctrl + i
    override fun getItemCount(): Int {
        return 5
    }
    override fun createFragment(position: Int): Fragment {
        return when(position){
            0->{
                fragment1()
            }
            1->{
                fragment2()
            }
            2->{
                fragment3()
            }
            3->{
                fragment4()
            }
            else->{
                fragment5()
            }
        }
    }
}
```



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❑ 3. Step 3- Code MainActivity:

```
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        val adapter = ViewPagerAdapter(supportFragmentManager,lifecycle)
        pagerTest.adapter = adapter
        TabLayoutMediator(tabDemo,pagerTest){tab,position ->
            when(position){
                0->{
                    tab.text="Tab1"
                }
                1->{
                    tab.text="Tab2"
                }
                2->{
                    tab.text="Tab3"
                }
                3->{
                    tab.text="Tab4"
                }
                4->{
                    tab.text="Tab5"
                }
            }
        }.attach()
    }
```