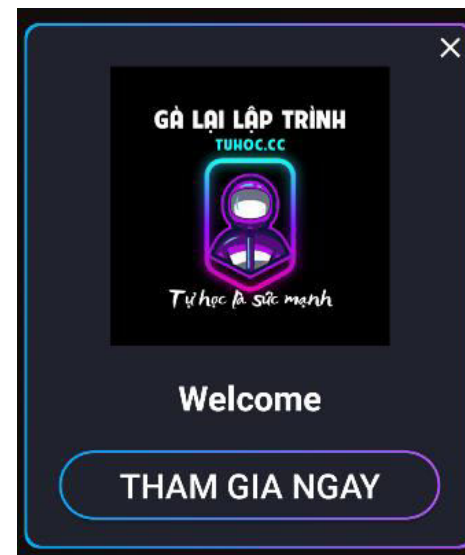
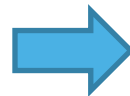
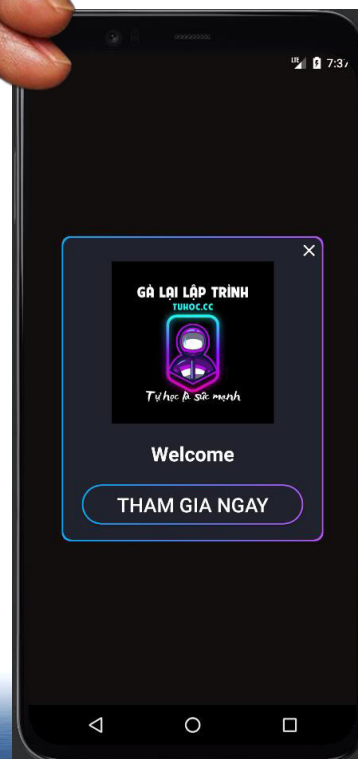


AndroidStudio  
Kotlin  
Bài 19.2

Android studio  
Dễ Hiểu - Dễ học



## Custom AlertDialog

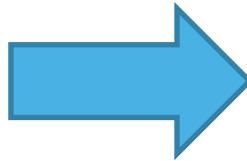


1

## Custom AlertDialog

### ❑ 1. Các bước xây dựng:

Step 1:  
Make xml layout  
CustomLayout



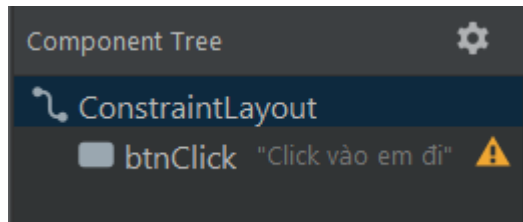
Step 2:  
Chuyển xml thành  
view



1

## Custom AlertDialog

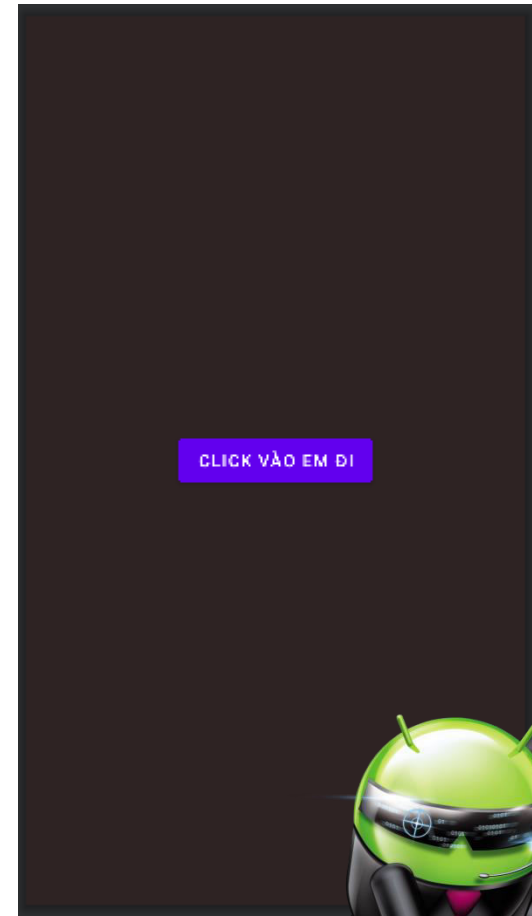
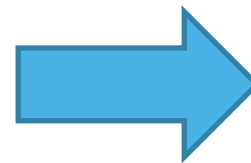
### ❑ 2. Xây dựng layout :



```
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:background="#2E2323"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <Button
        android:id="@+id/btnClick"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Click vào em đi"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

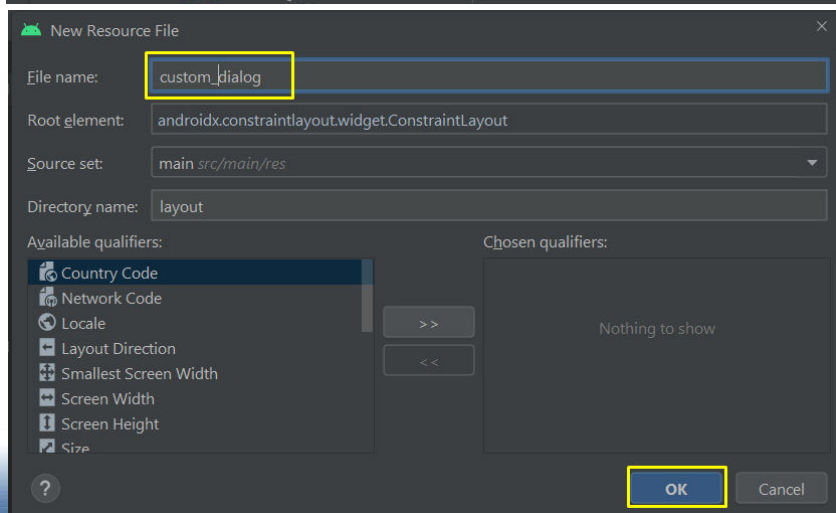
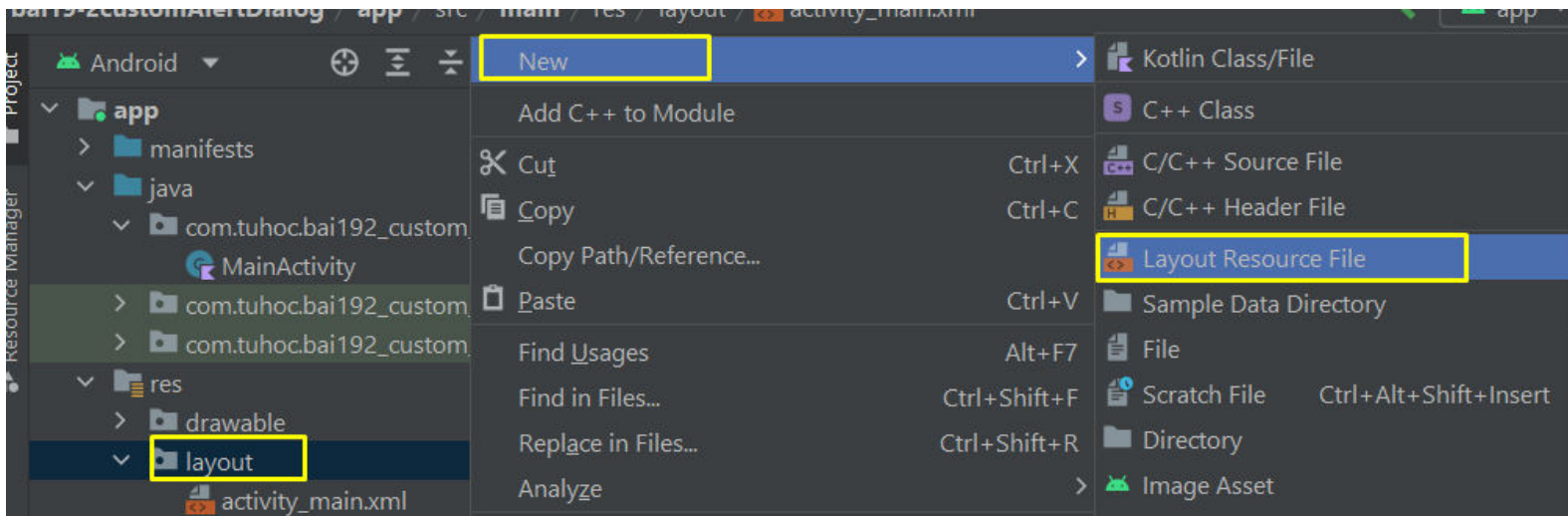
</androidx.constraintlayout.widget.ConstraintLayout>
```



1

## Custom AlertDialog

### Step 1: Xây dựng Custom layout xml :

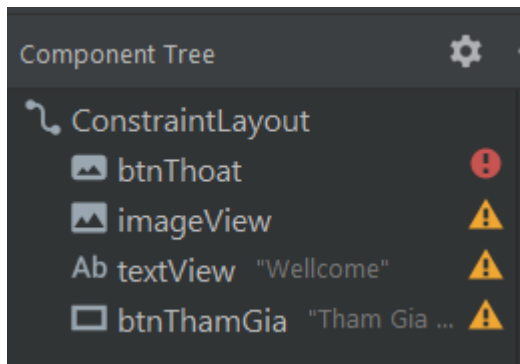




1

## Custom AlertDialog

❑ Step 1: Xây dựng Custom layout xml :



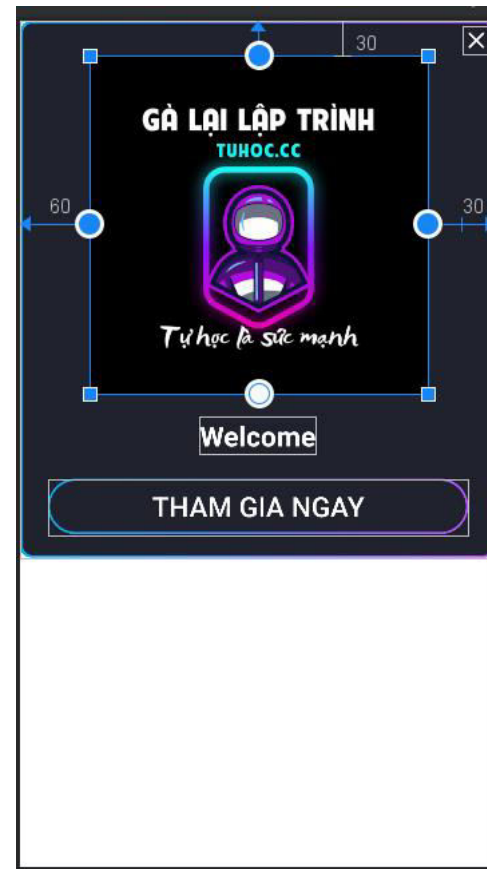
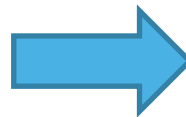
Ảnh để trong drawable  
và code toàn bộ bài 19.2  
(API 24 android 7.0 )  
Pass unrar : **tuhoc192**

<http://android.tuhoc.cc/>

19.2-fullcode+hinhanh-dialog.zip

bai19-2customAlertDialog

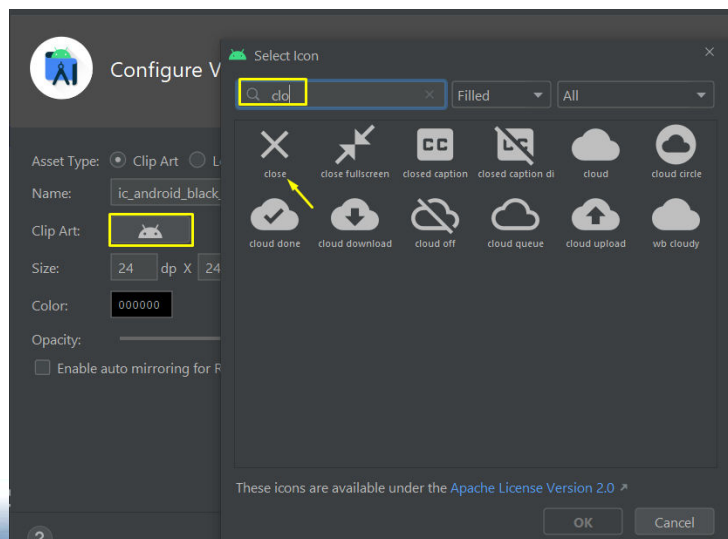
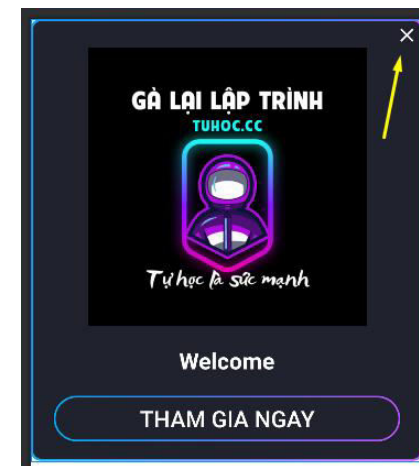
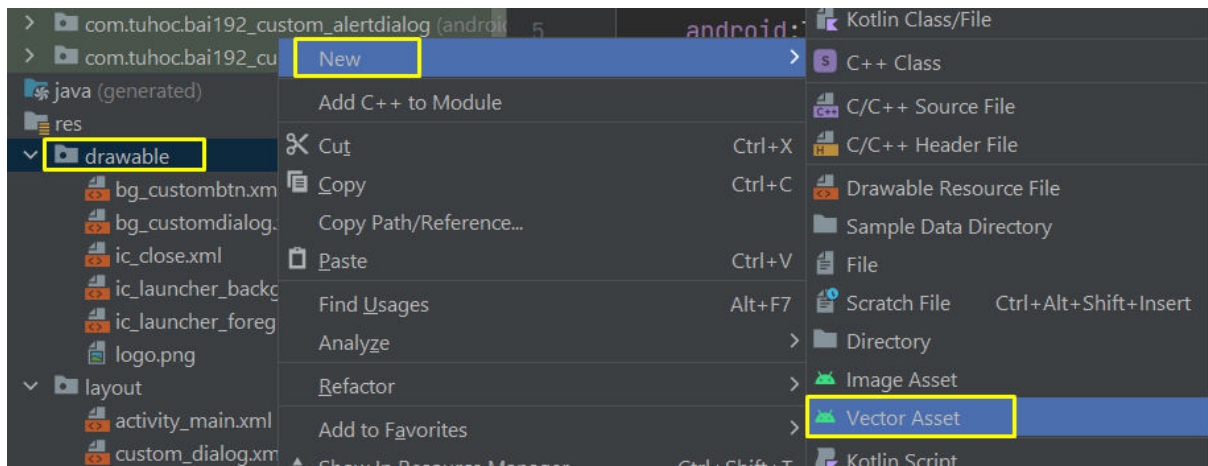
hinhanh-19.2



1

## Custom AlertDialog

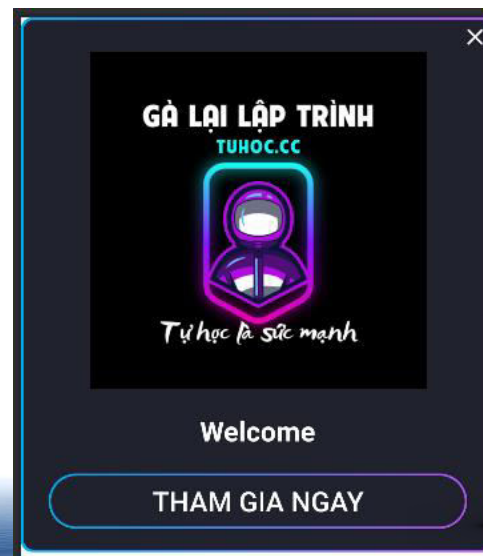
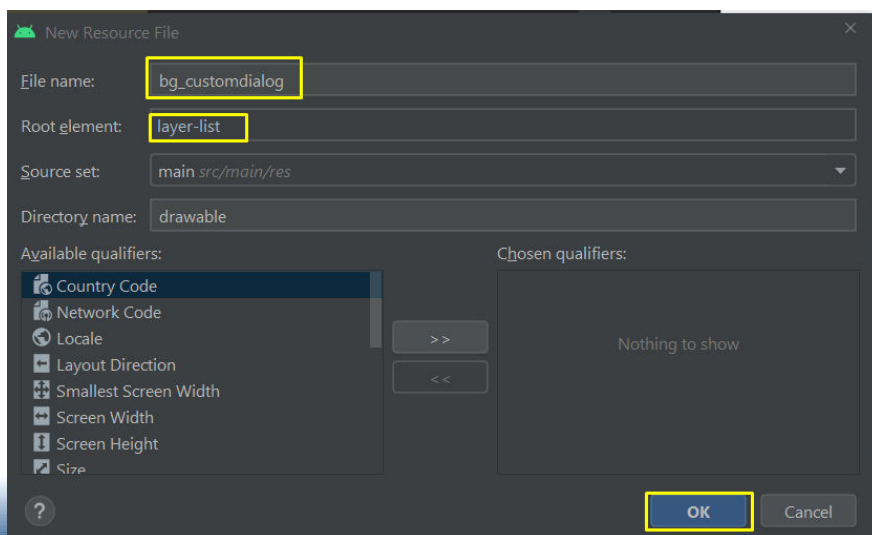
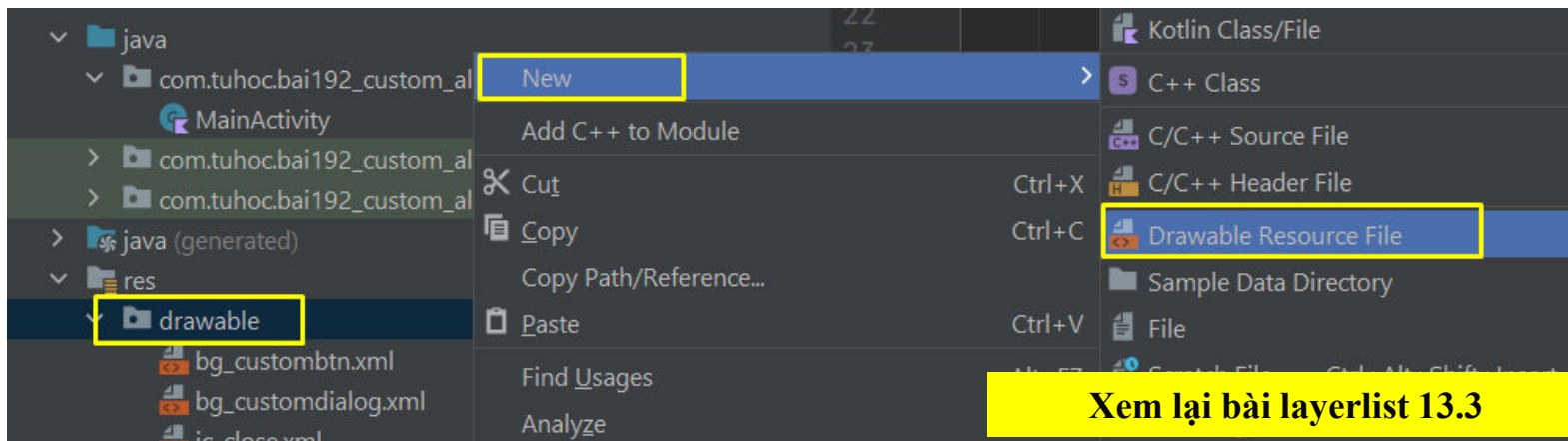
### Step 1: Xây dựng Custom layout xml - Thêm nút x bằng vector



1

## Custom AlertDialog

### ❑ Step 1: Xây dựng Custom layout xml - Gradient color bằng layerlist

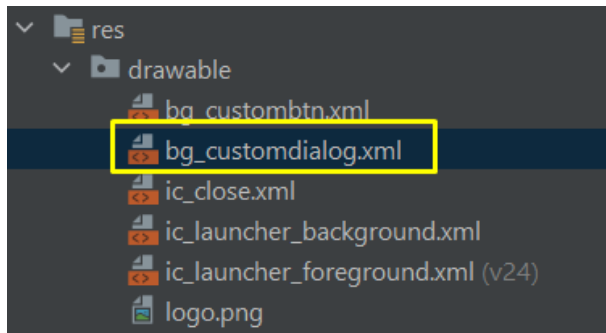


1

## Custom AlertDialog

### ❑ Step 1: Xây dựng Custom layout xml - Gradient color bằng layerlist

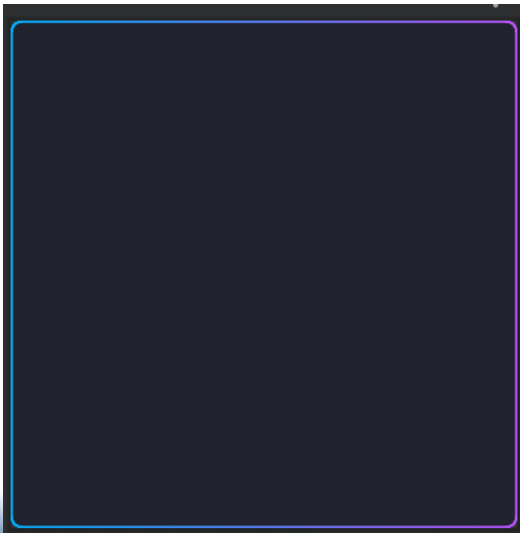
Code Gradien (Xem lại bài layerlist 13.3)



```
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
    <item>
        <shape android:shape="rectangle">
            <gradient
                android:angle="0"
                android:startColor="#00AFFA"
                android:endColor="#BA53FA"/>
            <corners android:radius="10dp"/>
        </shape>
    </item>

    <item
        android:bottom="2dp"
        android:top="2dp"
        android:left="2dp"
        android:right="2dp">

        <shape android:shape="rectangle">
            <solid android:color="#20222D"/>
            <corners android:radius="10dp"/>
        </shape>
    </item>
</layer-list>
```





1

## Custom AlertDialog

### ❑ Step 2: Code Main Activity- cách 1: Normal

```
class MainActivity : AppCompatActivity() {
    lateinit var dialog: AlertDialog
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        btnClick.setOnClickListener { it: View!
            showDialogNormal()
        }
    }
    private fun showDialogNormal() {
        val build = AlertDialog.Builder(context: this)
        val view = LayoutInflater.inflate(R.layout.custom_dialog, root: null)
        build.setView(view)
        dialog = build.create()
        dialog.show()
    }
}
```



1

## Custom AlertDialog

### ❑ Step 2: Code Main Activity- cách 2: ViewBinding

Gradle Scripts  
build.gradle (Project: bai19.2-custom)  
build.gradle (Module: bai19.2-custom)

```

kotlinOptions {
    jvmTarget = '1.8'
}
viewBinding {
    enabled = true
}
dependencies {
    implementation 'androidx.core:core-ktx:1.7.0'
}
    
```

```

class MainActivity : AppCompatActivity() {
    lateinit var dialog: AlertDialog
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        btnClick.setOnClickListener { it: View!
            showDialogBinding()
        }
    }
    private fun showDialogBinding() {
        val build = AlertDialog.Builder(context: this)
        val dialogBinding = CustomDialogBinding
            .inflate(LayoutInflater.from(context: this))
        build.setView(dialogBinding.root)
        dialog = build.create()
        dialog.show()
    }
}
    
```



1

## Custom AlertDialog

### ❑ Step 2.2: Code Main Activity- : Code btnThoat, btnThamGia

```
private fun showDialogBinding() {
    val build = AlertDialog.Builder( context: this)
    val dialogBinding = CustomDialogBinding
        .inflate(LayoutInflater.from( context: this))
    dialogBinding.btnThoat.setOnClickListener { dialog.dismiss() }
    dialogBinding.btnThamGia.setOnClickListener { it: View!
        Toast.makeText( context: this,
            text: "bạn đã tham gia thành công",
            Toast.LENGTH_SHORT).show() }
    build.setView(dialogBinding.root)
    dialog = build.create()
    dialog.show()
}
```

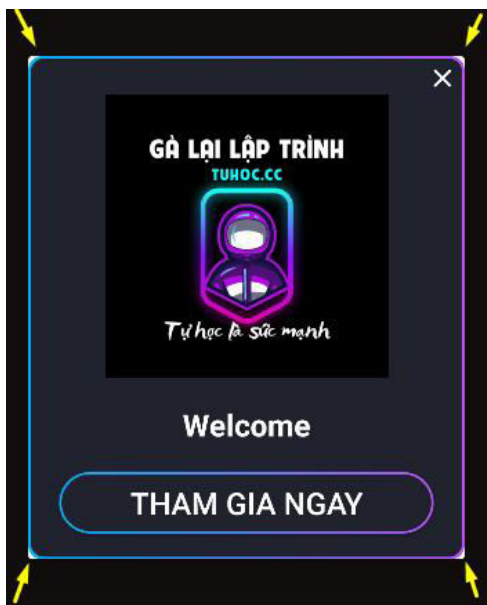
```
private fun showDialogNormal() {
    val build = AlertDialog.Builder( context: this,R.style.Themecustom)
    val view = LayoutInflater.inflate(R.layout.custom_dialog, root: null)
    build.setView(view)
    //code nút close
    val btnClose = view.findViewById<ImageButton>(R.id.btnThoat)
    btnClose.setOnClickListener { dialog.dismiss() }
    //code nút tham gia
    val btnThamGia = view.findViewById<Button>(R.id.btnThamGia)
    btnThamGia.setOnClickListener { it: View!
        Toast.makeText( context: this,
            text: "bạn đã tham gia thành công",
            Toast.LENGTH_SHORT).show()
    }
    dialog = build.create()
    dialog.show()
}
```



1

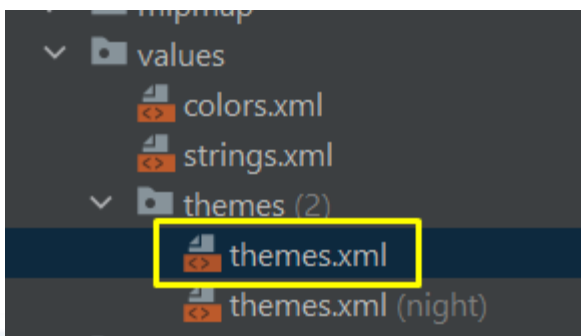
## Custom AlertDialog

### Step 2.3: Code Main Activity- Thiết lập nền trong suốt



```
<style name="Themecustom" parent="Theme.AppCompat.Light.Dialog.Alert">
    <item name="android:windowBackground">@android:color/transparent</item>
    <item name="android:windowMinWidthMinor">80%</item>
</style>
```

```
private fun showDialogNormal() {
    val build = AlertDialog.Builder(context: this, R.style.Themecustom)
    val view = LayoutInflater.inflate(R.layout.custom_dialog, root: null)
    build.setView(view)
    //code nút close
    val btnClose = view.findViewById<ImageButton>(R.id.btnThoat)
    btnClose.setOnClickListener { dialog.dismiss() }
    //code nút tham gia
    val btnThamGia = view.findViewById<Button>(R.id.btnThamGia)
    btnThamGia.setOnClickListener { it: View!
        Toast.makeText(context: this,
            text: "bạn đã tham gia thành công",
            Toast.LENGTH_SHORT).show()
    }
    dialog = build.create()
    dialog.show()
}
```



```
private fun showDialogBinding() {
    val build = AlertDialog.Builder(context: this, R.style.Themecustom)
    val dialogBinding = CustomDialogBinding
        .inflate(LayoutInflater.from(context: this))
    dialogBinding.btnThoat.setOnClickListener { dialog.dismiss() }
    dialogBinding.btnThamGia.setOnClickListener { it: View!
        Toast.makeText(context: this,
            text: "bạn đã tham gia thành công",
            Toast.LENGTH_SHORT).show()
    }
    build.setView(dialogBinding.root)
    dialog = build.create()
    dialog.show()
}
```

