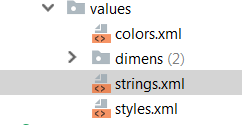
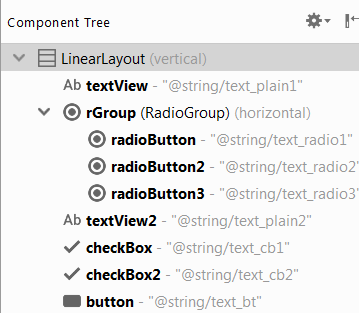
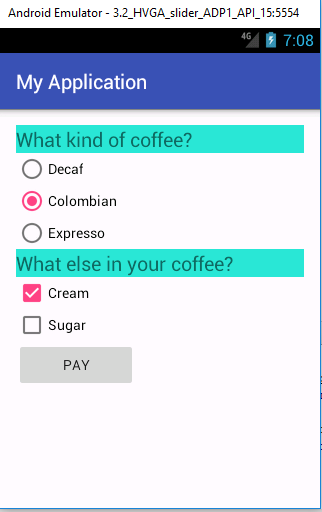
**Lập trình Android GK**

# GIAO DIỆN NGƯỜI DÙNG

1. **App Café**
2. **Gui**
3. **Layout**



1. **Code**

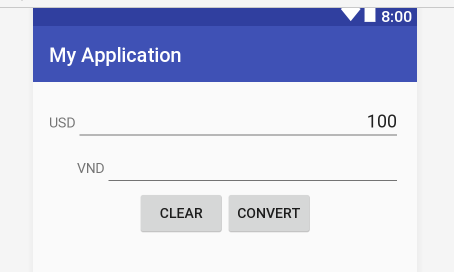
|  |
| --- |
| **String.xml** |
| <**resources**>  <**string name="app\_name"**>CafeApp</**string**>  <**string name="Question"**>Khanh Hoang dep trai?</**string**>  <**string name="correct"**>Correct</**string**>  <**string name="incorect"**>Incorrect</**string**>  <**string name="text\_plain1"**>What kind of coffee?</**string**>  <**string name="text\_plain2"**>What else in your coffee?</**string**>  <**string name="text\_radio1"**>Decaf</**string**>  <**string name="text\_radio2"**>Colombian</**string**>  <**string name="text\_radio3"**>Expresso</**string**>  <**string name="text\_cb1"**>Cream</**string**>  <**string name="text\_cb2"**>Sugar</**string**>  <**string name="text\_bt"**>Pay</**string**> </**resources**> |

|  |
| --- |
| **activity\_main.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:orientation="vertical"  tools:context="com.example.admin.myapplication.MainActivity"**>   <**TextView  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:background="#29e5d2"  android:textSize="20dp"  android:text="@string/text\_plain1"  android:id="@+id/textView"** />  <**RadioGroup  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:id="@+id/rGroup"**>  <**RadioButton  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:checked="true"  android:text="@string/text\_radio1"  android:id="@+id/radioButton"**/>  <**RadioButton  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="@string/text\_radio2"  android:id="@+id/radioButton2"**/>  <**RadioButton  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="@string/text\_radio3"  android:id="@+id/radioButton3"**/>  </**RadioGroup**>  <**TextView  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:textSize="20dp"  android:background="#29e5d2"  android:text="@string/text\_plain2"  android:id="@+id/textView2"**/>  <**CheckBox  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="@string/text\_cb1"  android:id="@+id/checkBox"**/>  <**CheckBox  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="@string/text\_cb2"  android:id="@+id/checkBox2"**/>  <**Button  android:layout\_width="120dp"  android:layout\_height="wrap\_content"  android:text="@string/text\_bt"  android:id="@+id/button"**/> </**LinearLayout**> |

1. **Code**

|  |
| --- |
| **MainActivity** |
| **package** com.example.khanhhoang.myapplication; **import** android.content.res.Configuration; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.CheckBox; **import** android.widget.RadioButton; **import** android.widget.RadioGroup; **import** android.widget.Toast; **public class** MainActivity **extends** AppCompatActivity {   RadioGroup **radioGroup**;  RadioButton **radioButtonDecaf**, **radioButtonColumbian**, **radioButtonExpresso**;  CheckBox **cbSugar**, **cbCream**;  Button **bt**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   RadioGroup rGroup = (RadioGroup)findViewById(R.id.***rGroup***);  **radioButtonDecaf** = (RadioButton)findViewById(R.id.***radioButton***);  **radioButtonColumbian** = (RadioButton)findViewById(R.id.***radioButton2***);  **radioButtonExpresso** = (RadioButton)findViewById(R.id.***radioButton3***);   **cbCream** = (CheckBox)findViewById(R.id.***checkBox***);  **cbSugar** = (CheckBox)findViewById(R.id.***checkBox2***);   **bt** = (Button)findViewById(R.id.***button***);   **bt**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  String s = **""**;  **if** (**radioButtonDecaf**.isChecked())  s += **"Decaf"**;  **else if** (**radioButtonColumbian**.isChecked())  s += **"Columbian"**;  **else** s += **"Expresso"**;  s += **" Coffee"**;  **if** (**cbCream**.isChecked()){  s+= **" & Cream"**;  }  **if** (**cbSugar**.isChecked()){  s += **" & Sugar"**;  }  Toast.*makeText*(MainActivity.**this**, s, Toast.***LENGTH\_LONG***).show();  }  });  } } |

1. **Currency Converter**
2. **Gui**
3. **Layout**



1. **Code**

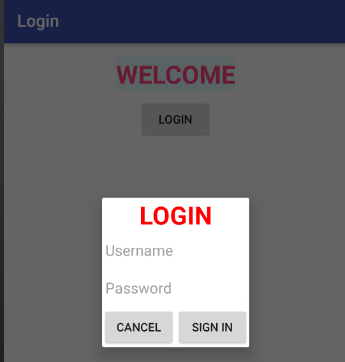
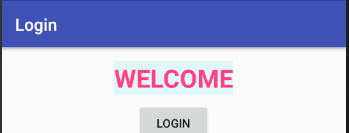
|  |
| --- |
| *<?***xml version="1.0" encoding="utf-8"***?> // Khi tạo đã có sẵn k cần phải nhập cai này* <**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" xmlns:tools=**[**http://schemas.android.com/tools**](http://schemas.android.com/tools)*// Khi tạo đã có sẵn k cần phải nhập cai này*  **android:layout\_width="match\_parent" // chỉnh match\_parent  android:layout\_height="match\_parent"  android:paddingLeft="16dp"  android:paddingRight="16dp"  android:paddingTop="16dp"  android:paddingBottom="16dp"  tools:context="com.example.khanhhoang.myapplication.MainActivity" // này của chương trình tự tạo nếu k có có thê ghi là com.example. rồi ctrl space là ra  android:orientation="vertical"**>   <**LinearLayout  android:orientation="horizontal"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"**>   <**TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="USD"  android:id="@+id/textView"** />   <**EditText  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:id="@+id/USD"  android:textAlignment="textEnd"  android:text="100"  android:gravity="end"** />  </**LinearLayout**>  <**LinearLayout  android:orientation="horizontal"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"**>  <**TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="VND"  android:paddingLeft="28dp"  android:id="@+id/textView2"** />  <**EditText  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:id="@+id/VND"  android:textAlignment="textEnd"  android:gravity="end"** />  </**LinearLayout**>  <**LinearLayout  android:orientation="horizontal"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:gravity="center\_horizontal"**>   <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="CLEAR"  android:id="@+id/btClear"** />   <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="CONVERT"  android:id="@+id/btConvert"** />  </**LinearLayout**> |

1. **Code Main**

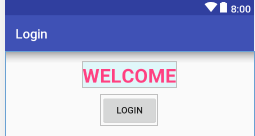
|  |
| --- |
| **package** com.example.khanhhoang.myapplication;  **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText;  **public class** MainActivity **extends** AppCompatActivity {   EditText **usdText**, **vndText**;  Button **btCl**, **btCon**;  **final double tyGia** = 23000;  @Override // ctrl + O r tìm onCreate là ra hàm này  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   **usdText** = (EditText) findViewById(R.id.***USD***);  **vndText** = (EditText) findViewById(R.id.***VND***);  **btCon** = (Button) findViewById(R.id.***btConvert***);  **btCl** = (Button) findViewById(R.id.***btClear***);  **btCon**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Double a = Double.*valueOf*(**usdText**.getText().toString())\***tyGia**;  String b = String.*valueOf*(a);  **vndText**.setText(b);  }  });  **btCl**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **usdText**.setText(**""**);  **vndText**.setText(**""**);  }  });  } } |

# DIALOG

1. **Dialog login android**
2. **Demo**



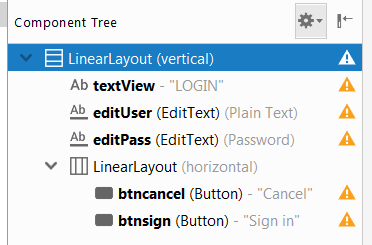
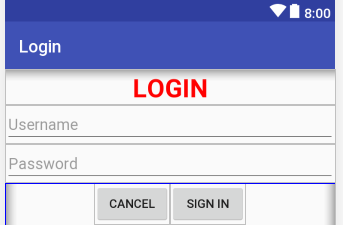
1. **Gui**
2. **Layout**



1. **Code**

|  |
| --- |
| *<?***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"  android:paddingBottom="16dp"  android:paddingTop="16dp"  tools:context="com.example.nhanphan.login.MainActivity"**>  <**TextView  android:id="@+id/txtWelcome"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="WELCOME"  android:layout\_gravity="center"  android:textSize="30dp"  android:textStyle="bold"  android:textColor="@color/colorAccent"  android:background="#E0F7FA"**/>  <**Button  android:id="@+id/btDangNhap"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:layout\_marginTop="10dp"  android:text="Login"** /> </**LinearLayout**> |

1. **Gui signning**
2. **GUI**



1. **Code**

|  |
| --- |
| *<?***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"  xmlns:tools="http://schemas.android.com/tools"  android:orientation="vertical"  tools:context="com.example.nhanphan.login.MainActivity"**>  android:paddingTop="16dp">  <**TextView  android:id="@+id/textView"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="LOGIN"  android:textStyle="bold"  android:textSize="30dp"  android:textColor="#FF00"  android:gravity="center"**/>  <**EditText  android:id="@+id/editUser"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:inputType="textPersonName"  android:hint="Username"** />  <**EditText  android:id="@+id/editPass"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:inputType="textPassword"  android:hint="Password"** />  <**LinearLayout  android:orientation="horizontal"  android:gravity="center|top"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"**>  <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Cancel"  android:id="@+id/btncancel"** />  <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Sign in"  android:id="@+id/btnsign"** />  </**LinearLayout**> </**LinearLayout**> |

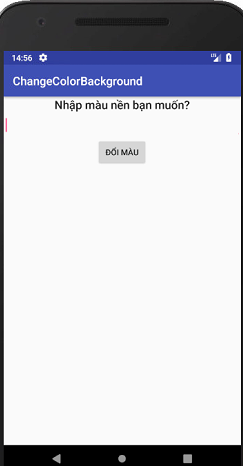
1. **Code Main**

|  |
| --- |
| **package** com.example.nhanphan.login;  **import** android.app.Dialog; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.LayoutInflater; **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText; **import** android.widget.TextView; **import** android.widget.Toast;  **public class** MainActivity **extends** AppCompatActivity {  Button **btndangnhap**;  EditText **username**;  EditText **password**;  **private** Dialog **dialog**;   @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   **btndangnhap** = (Button) findViewById(R.id.***btDangNhap***);  **btndangnhap**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **dialog** = **new** Dialog(MainActivity.**this**);  **dialog**.setContentView(R.layout.***signning***);*// truyền hàm  // dialog.setTitle("Đăng nhập");//* **username** = (EditText) **dialog**.findViewById(R.id.***editUser***);  **password** = (EditText) **dialog**.findViewById(R.id.***editPass***);   Button btnSgin = (Button) **dialog**.findViewById(R.id.***btnsign***);  Button btnCannel = (Button) **dialog**.findViewById(R.id.***btncancel***);  btnSgin.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **dialog**.setCanceledOnTouchOutside(**false**);  String Username = **username**.getText().toString().trim();  String Password = **password**.getText().toString().trim();   **if** (Username.equals(**"nhan"**) && Password.equals(**"123"**)){  Toast.*makeText*(MainActivity.**this**,**"Successful!"**,Toast.***LENGTH\_SHORT***).show();  }**else**{  Toast.*makeText*(MainActivity.**this**,**"UnSuccessful!"**,Toast.***LENGTH\_SHORT***).show();  }  **dialog**.hide();  }  });  **dialog**.show();  btnCannel.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **dialog**.cancel();  }  });  }  });  } } |

1. **Chua\_Thông tin cá nhân\_ chưa xử lý 2 nút button**
2. **Gui**
3. **Layout**
4. **Code**
5. **Code**

# ĐỐ VÀ CHUYỂN MÀU

1. **Chuyển đổi màu nền app**
2. **Gui**
3. **Layout**



1. **Code**

|  |
| --- |
| *<?***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"  android:id="@+id/Layout"  tools:context=".MainActivity"**>   <**TextView  android:id="@+id/txtMau"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:text="Nhập màu nền bạn muốn?"  android:textAppearance="@style/TextAppearance.Widget.AppCompat.Toolbar.Title"** />   <**EditText  android:id="@+id/edNhapMau"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:ems="10"  android:inputType="textPersonName"** />   <**Button  android:id="@+id/btDoiMau"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:text="Đổi màu"** /> </**LinearLayout**> |

1. **Code Main**

|  |
| --- |
| **package** com.example.nhanphan.changecolorbackground;    **import** android.graphics.Color;  **import** android.support.v7.app.AppCompatActivity;  **import** android.os.Bundle;  **import** android.text.Layout;  **import** android.view.View;  **import** android.widget.Button;  **import** android.widget.EditText;  **import** android.widget.LinearLayout;  **import** android.widget.TextView;    **public class** MainActivity **extends** AppCompatActivity {  TextView **txtThongBao**;  EditText **edNhap**;  Button **btnDoiMau**;  LinearLayout **i**;    @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);    **edNhap** = (EditText) findViewById(R.id.***edNhapMau***);  **txtThongBao** = (TextView) findViewById(R.id.***txtMau***);  **btnDoiMau** = (Button) findViewById(R.id.***btDoiMau***);    **i** = (LinearLayout)findViewById(R.id.***Layout***);  **btnDoiMau**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  String mauNhap = **edNhap**.getText().toString();  **i**.setBackgroundColor(Color.*parseColor*(mauNhap));  *//i.setBackgroundColor(Color.parseColor(edNhap.getText().toString()));*  }  });  }  } |

1. **Chuyển màu bằng nút Button cố định - tương tự ở trên**
2. **Gui**

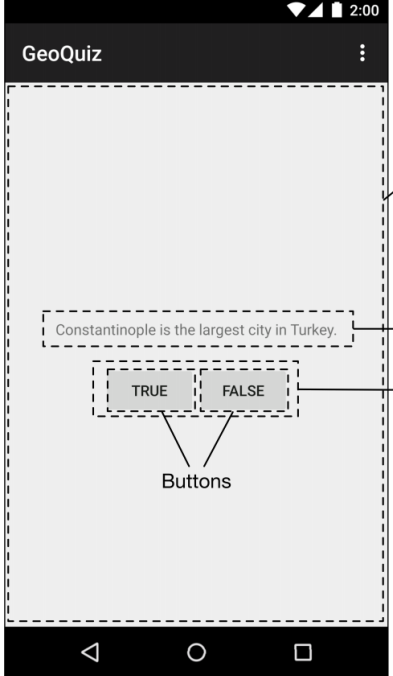
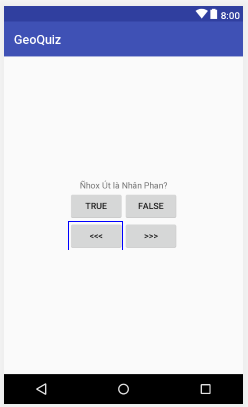


|  |
| --- |
| <**Button**  **android:id="@+id/btMauXanh"**  **android:layout\_width="wrap\_content"**  **android:layout\_height="wrap\_content"**  **android:layout\_gravity="center"**  **android:text="Blue"** /> |

1. **Code Main**

|  |
| --- |
| Button **btnMauXanh**;  LinearLayout **i**;  **btnMauXanh** = (Button) findViewById(R.id.***btMauXanh***);  **btnMauXanh**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **i**.setBackgroundColor(Color.***BLUE***);  }  }); |

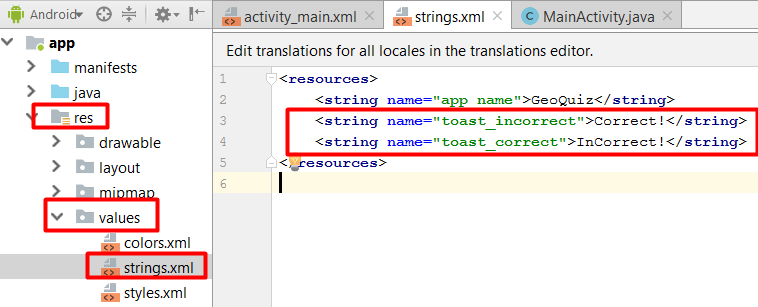
1. **GeoQuiz Nâng cao**
2. **Gui**
3. **Layout**



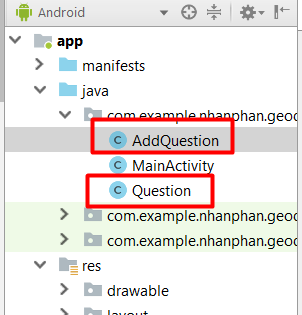
1. **Code**

|  |
| --- |
|  |
| *<?***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"  android:gravity="center"  tools:context=".MainActivity"**>  <**TextView  android:id="@+id/txtQuestion"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Ñhox Út là Nhân Phan?"  android:gravity="center"** />  <**LinearLayout  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:gravity="center\_horizontal"**>  <**Button  android:id="@+id/btnTrue"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="TRUE"** />  <**Button  android:id="@+id/btnFalse"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="FALSE"** />  </**LinearLayout**>  <**LinearLayout  android:orientation="horizontal"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:gravity="center"**>  <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="&lt;&lt;&lt;"  android:id="@+id/btPre"** />  <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text=">>>"  android:id="@+id/btNext"** />  </**LinearLayout**> </**LinearLayout**> |

1. **Trong res-> values -> strings**



1. **Tạo 2 class**



1. **Class câu hỏi**

|  |
| --- |
| **Question** |
| **public class** Question {  **private** String **question**;  **private boolean answer**;  **public** Question(String question, **boolean** answer) {  **this**.**answer** = answer;  **this**.**question** = question;  }  **public** Question(){  }  **public void** setQuestion(String question) {  **this**.**question** = question;  }  **public void** setAnswer(**boolean** answer) {  **this**.**answer** = answer;  }  **public** String getQuestion(){  **return question**;  }  **public boolean** getAnswer(){  **return answer**;  } } |

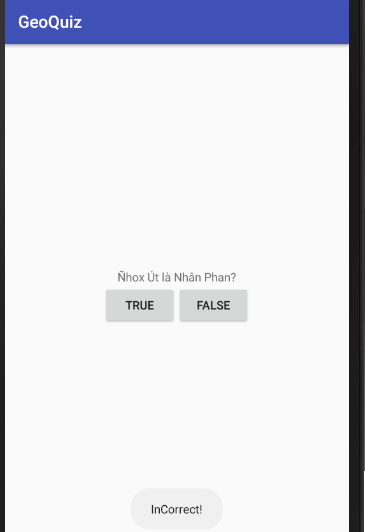
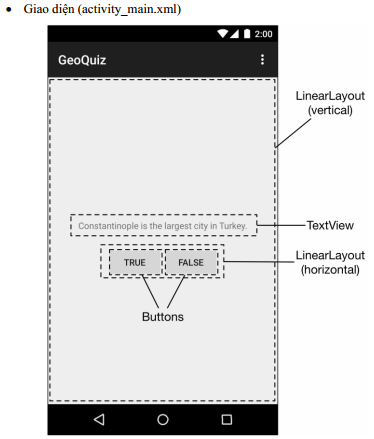
1. **Class thêm câu hỏi**

|  |
| --- |
| AddQuestion |
| **public class** AddQuestion {  **static int** *questionMaxNum*; *// Maximun question* **static int** *questionNum*; *// Current number of questions* **static int** *currentQuestion*;  **private** Question []**questions**;   **public** AddQuestion(**int** numQuestion){  *questionMaxNum* = numQuestion;  *currentQuestion* = 0;  *questionNum* = 0;  **questions** = **new** Question[numQuestion];  }  **public boolean** addQuestion(Question question){  **if** (*questionNum* < *questionMaxNum*){  **questions**[*questionNum*] = question;  *questionNum*++;  **return true**;  } **else  return false**;  }  **public** Question currentQuestion(){  **return questions**[*currentQuestion*];  }  **public void** preQuestion(){  **if** (*currentQuestion* - 1 >= 0)  *currentQuestion*--;  **else** *currentQuestion* = *questionNum* - 1;  }  **public void** nextQuestion(){  **if** (*currentQuestion* + 1 < *questionNum*)  *currentQuestion*++;  **else** *currentQuestion* = 0;  } } |

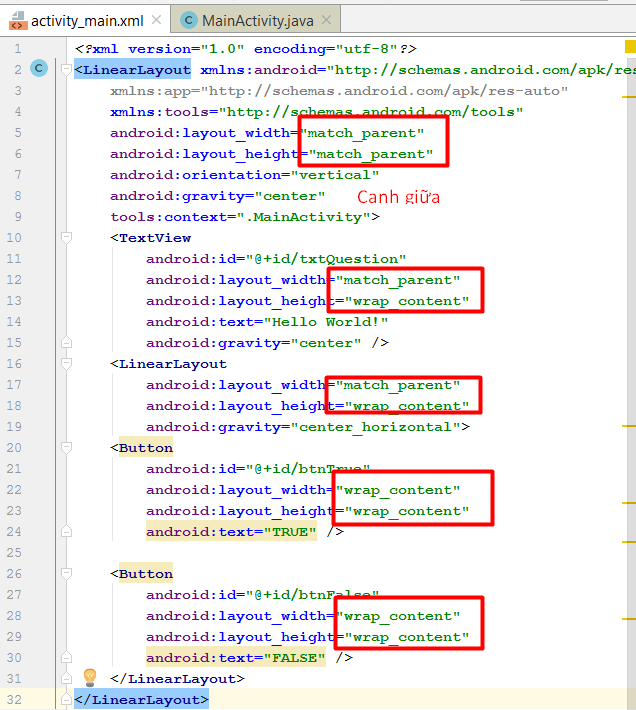
1. **Code Main**

|  |
| --- |
| **package** com.example.nhanphan.geoquiz;  **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.MediaController; **import** android.widget.TextView; **import** android.widget.Toast;  **public class** MainActivity **extends** AppCompatActivity {  AddQuestion **addQuestion**; *// này cần class Questions sẽ có class Questions kéo xuốn dưới để tìm* Button **btNext**, **btPre**;  Button **btTrue**, **btFalse**;  TextView **textView**;    @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   **addQuestion** = **new** AddQuestion(4);  **addQuestion**.addQuestion(**new** Question(**"Việt Nam là nước duy nhất trồng lúa?"**,**false**));  **addQuestion**.addQuestion(**new** Question(**"Việt Nam có 52 dân tộc anh em?"**,**true**));  **addQuestion**.addQuestion(**new** Question(**"Vị vua cuối cùng của VN là Lý Thái Tổ?"**,**false**));  **addQuestion**.addQuestion(**new** Question(**"Nhox Ut rất dễ thương có phải không?"**,**true**));   **btFalse** = (Button) findViewById(R.id.***btnFalse***);  **btTrue** = (Button) findViewById(R.id.***btnTrue***);  **btNext** = (Button) findViewById(R.id.***btNext***);  **btPre** = (Button) findViewById(R.id.***btPre***);   **textView** = (TextView) findViewById(R.id.***txtQuestion***);  **btFalse**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **if** (**addQuestion**.currentQuestion().getAnswer() == **false**) {  Toast.*makeText*(MainActivity.**this**, **"Correct Answer!"**, Toast.***LENGTH\_SHORT***).show();  **addQuestion**.preQuestion();  **textView**.setText(**addQuestion**.currentQuestion().getQuestion());  } **else** Toast.*makeText*(MainActivity.**this**, **"Incorrect Answer!"**, Toast.***LENGTH\_SHORT***).show();  }   });  **btTrue**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **if** (**addQuestion**.currentQuestion().getAnswer()) {  Toast.*makeText*(MainActivity.**this**, **"Correct Answer!"**, Toast.***LENGTH\_SHORT***).show();  **addQuestion**.nextQuestion();  **textView**.setText(**addQuestion**.currentQuestion().getQuestion());  } **else** Toast.*makeText*(MainActivity.**this**, **"Incorrect Answer!"**, Toast.***LENGTH\_SHORT***).show();  }  });  **btNext**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **addQuestion**.nextQuestion();  **textView**.setText(**addQuestion**.currentQuestion().getQuestion());  }  });  **btPre**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  **addQuestion**.nextQuestion();  **textView**.setText(**addQuestion**.currentQuestion().getQuestion());  }  });  } } |

1. **GeoQuiz\_cơ bản**
2. **Gui**
3. **Layout**



1. **Code Gui**

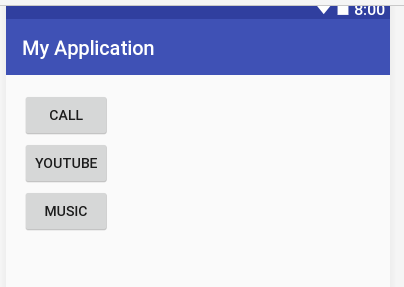


1. **Code Main**

|  |
| --- |
| **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.MediaController; **import** android.widget.Toast;  **public class** MainActivity **extends** AppCompatActivity {   Button **btTrue**, **btFalse**;   @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);    **btFalse** = (Button) findViewById(R.id.***btnFalse***);  **btTrue** = (Button) findViewById(R.id.***btnTrue***);  **btFalse**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Toast.*makeText*(MainActivity.**this**,**"Correct!"**, Toast.***LENGTH\_SHORT***).show();  }  });  **btTrue**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Toast.*makeText*(MainActivity.**this**,**"InCorrect!"**, Toast.***LENGTH\_SHORT***).show();  }  });  } } |

# INTENT

1. **Intents (Call+ Youtobe + Music)**
2. **Gui**
3. **Layout**



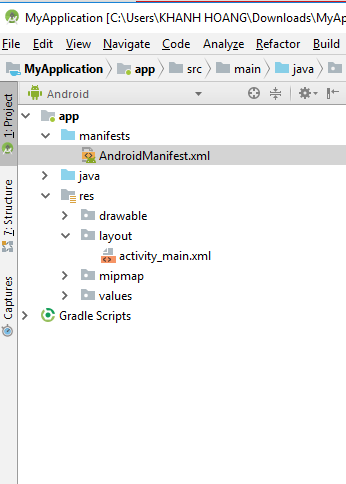
1. **Code GUI**

|  |  |
| --- | --- |
| *<?***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:paddingBottom="16dp"  android:paddingLeft="16dp"  android:paddingRight="16dp"  android:paddingTop="16dp"  android:orientation="vertical"  tools:context=".MainActivity"**>   <**Button  android:id="@+id/btCall"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Call"** />   <**Button  android:id="@+id/btYoutoBe"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Youtobe"** />   <**Button  android:id="@+id/btMusic"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Music"** />  </**LinearLayout**> |  |

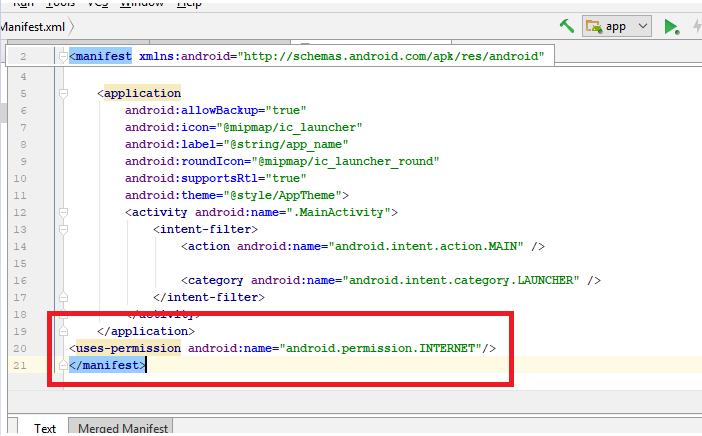
1. **Code Main**

|  |
| --- |
| **package** com.example.khanhhoang.myapplication;  **import** android.content.Intent; **import** android.net.Uri; **import** android.os.Environment; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button;  **public class** MainActivity **extends** AppCompatActivity {   Button **button1**,**btnYoutube**,**btnMusic**;   @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);   **button1** = (Button) findViewById(R.id.***btnCall***); // nut Call  **button1**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  String phoneNumber = **"tel:01633179630"**;  Intent myActivity = **new** Intent(Intent.***ACTION\_DIAL***, Uri.*parse*(phoneNumber));  startActivity(myActivity);  }  });  **btnYoutube** = (Button) findViewById(R.id.***btnYoutube***); // nút youtube  **btnYoutube**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  String url = **"http://www.youtube.com"**;  Intent myActivity = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(url));  startActivity(myActivity);  }  });   **btnMusic** = (Button) findViewById(R.id.***btnMusic***); // nút Music  **btnMusic**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Intent myActivity = **new** Intent(Intent.***ACTION\_VIEW***);  Uri data = Uri.*parse*(**"file://"** + Environment.*getExternalStorageDirectory*().getAbsolutePath()+**"/Music/Kalimba.mp3"**); // đường dẫn file nhạc còn cách thêm file nhạc s thì phía dưới có  myActivity.setDataAndType(data,**"audio/mp3"**);  startActivity(myActivity);  }  });  } } |

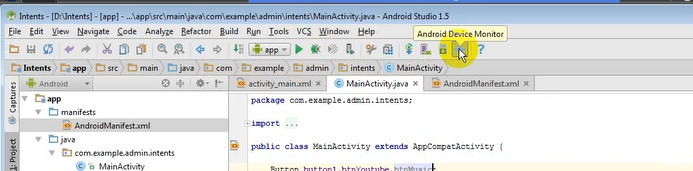
1. **Lưu ý:** nút Youtube phải cấp lệnh cho phép sử dụng internet:



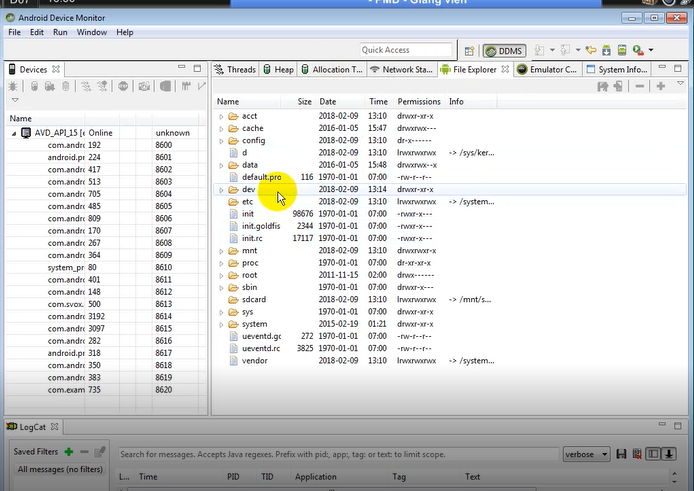
Bấm vào AndroidManiFest.xml -> Rồi thêm dòng này vào



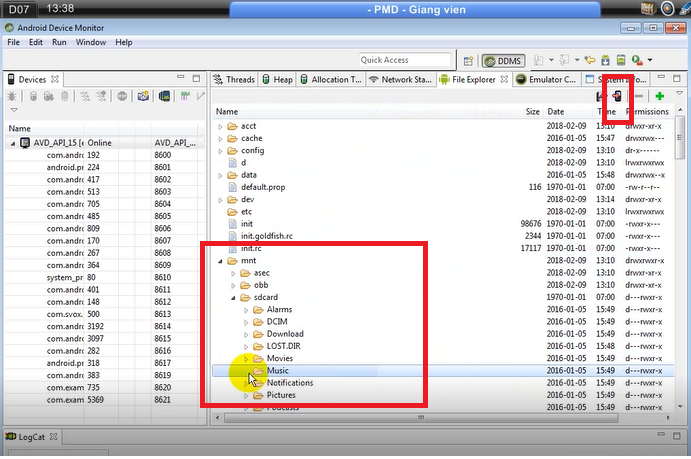
Lưu ý Nút Music: Muốn bảo file nhạc vào bấm : Android Device Monitor hoặc kiếm trong Tool->Android -> Android Device Monitor



Sau đó chọn File Explorer



Sau đó tìm thư mục mnt->sdcard-> Music



Sau đó bấm nút phía tay phải trên cùng

Chọn file nhạc bạn muốn thêm vào

# SPINNER

1. **Gui**
2. **Layout**
3. **Code**
4. **Code**

# QUẢN LÝ MƯƠN SÁCH THƯ VIỆN

1. **Gui**
2. **Layout**
3. **Code**
4. **Code**