

## CORRECTION EXERCICE

### activity\_main.xml

```
<?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"
    tools:context=".MainActivity">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/nom"/>
        <EditText
            android:id="@+id/vnom"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/prenom"/>
        <EditText
            android:id="@+id/vprenom"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/age"/>
        <EditText
            android:id="@+id/vage"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
```

```

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/datenaissance"/>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <DatePicker
        android:id="@+id/vdate"
        style="@android:style/Widget.DatePicker"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fitsSystemWindows="false" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/situation" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <RadioGroup
        android:id="@+id/vsituation"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/marie"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/ceLIBATAIRE"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/divorce"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/veuf"/>
    </RadioGroup>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

```

```

        android:text="@string/formation" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <RadioGroup
        android:id="@+id/vformation"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/italien"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/francais"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/anglais"/>
        <RadioButton
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/espagnol"/>
    </RadioGroup>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <Spinner
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/vpays"/>
</LinearLayout>
<LinearLayout
    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:onClick="afficher"
        android:text="@string/envoyer"/>
</LinearLayout>
</LinearLayout>

```

## MainActivity.java

```
package com.example.myapplication;
```

```

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Spinner;
import android.widget.Toast;
import java.text.SimpleDateFormat;
import java.util.Calendar;
public class MainActivity extends AppCompatActivity {
    EditText nom, prenom, age;
    // Spinner pays;
    RadioGroup situation, formation;
    String[] listePays = {"France", "Italie", "Espagne", "Ecosse", "Portugal"};
    DatePicker dateNaissance;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        nom = findViewById(R.id.vnom);
        prenom = findViewById(R.id.vprenom);
        age = findViewById(R.id.vage);
        dateNaissance = findViewById(R.id.vdate);
        Spinner pays = findViewById(R.id.vpays);
        situation = findViewById(R.id.vsituation);
        formation = findViewById(R.id.vformation);
        ArrayAdapter<String> adapter = new
ArrayAdapter<>(this, android.R.layout.simple_spinner_dropdown_item, listePays);
        pays.setAdapter(adapter);
    }
    public void afficher(View view) {
        Intent intent = new Intent(MainActivity.this, Main2Activity.class);
        intent.putExtra("nom", nom.getText().toString());
        intent.putExtra("prenom", prenom.getText().toString());
        intent.putExtra("age", age.getText().toString());
        // getCheckedRadioButtonId : pour récupérer le bouton coché
        RadioButton choixSituation =
findViewById(situation.getCheckedRadioButtonId());
        intent.putExtra("situation", choixSituation.getText().toString());
        RadioButton choixFormation =
findViewById(formation.getCheckedRadioButtonId());
        intent.putExtra("formation", choixFormation.getText().toString());
        intent.putExtra("pays", pays.getSelectedItem().toString());
        Calendar calendar = Calendar.getInstance();
        calendar.set(dateNaissance.getYear(), dateNaissance.getMonth(), dateNaissance.getDay
OfMonth());
        SimpleDateFormat dateFormat = new SimpleDateFormat("dd/MM/YYYY");
        String dateString = dateFormat.format(calendar.getTime());
        intent.putExtra("date", dateString);
        Log.d("date", dateString);
    }
}

```

```

        startActivity(intent);
    }
}

```

## activity\_main2.xml

```

<?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"
    tools:context=".MainActivity">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:paddingRight="15dp"
            android:text="@string/nom"
            android:textStyle="bold" />
        <TextView
            android:id="@+id/vnom"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:paddingRight="15dp"
            android:text="@string/prenom"
            android:textStyle="bold" />
        <TextView
            android:id="@+id/vprenom"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:paddingRight="15dp"
            android:text="@string/age"

```

```

        android:textStyle="bold" />
<TextView
    android:id="@+id/vage"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:paddingRight="15dp"
        android:text="@string/datenaissance"
        android:textStyle="bold" />
    <TextView
        android:id="@+id/vdate"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:paddingRight="15dp"
        android:text="@string/situation"
        android:textStyle="bold" />
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/vsituation"/>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:paddingRight="15dp"
        android:text="@string/formation"
        android:textStyle="bold" />
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:paddingRight="15dp"
        android:id="@+id/vformation"/>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

```

```

        android:paddingRight="15dp"
        android:text="@string/pays"
        android:textStyle="bold" />
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:paddingRight="15dp"
    android:id="@+id/vpays"/>
</LinearLayout>
</LinearLayout>

```

## Main2Activity.xml

```

package com.example.myapplication;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.widget.TextView;
public class Main2Activity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        Intent intent = getIntent();
        String nom = intent.getStringExtra("nom");
        String prenom = intent.getStringExtra("prenom");
        String age = intent.getStringExtra("age");
        String dateNaissance = intent.getStringExtra("date");
        String situation = intent.getStringExtra("situation");
        String formation = intent.getStringExtra("formation");
        String pays = intent.getStringExtra("pays");
        TextView texteNom = findViewById(R.id.vnom);
        TextView textePrenom = findViewById(R.id.vprenom);
        TextView texteAge = findViewById(R.id.vage);
        TextView texteDate = findViewById(R.id.vdate);
        TextView texteSituation = findViewById(R.id.vsituation);
        TextView texteFormation = findViewById(R.id.vformation);
        TextView textePays = findViewById(R.id.vpays);
        texteNom.setText(nom);
        textePrenom.setText(prenom);
        texteAge.setText(age);
        texteDate.setText(dateNaissance);
        texteSituation.setText(situation);
        texteFormation.setText(formation);
        textePays.setText(pays);
    }
}

```

## strings.xml

```

<resources>
    <string name="app_name">Exercice2</string>

```

```
<string name="prenom">Prenom</string>
<string name="age">Age</string>
<string name="situation">Situation familiale</string>
<string name="marie">Marié</string>
<string name="celibataire">Célibataire</string>
<string name="divorce">Divorcé</string>
<string name="veuf">Veuf</string>
<string name="formation">Formation</string>
<string name="français">Français</string>
<string name="italien">Italien</string>
<string name="anglais">Anglais</string>
<string name="espagnol">Espagnol</string>
<string name="envoyer">Envoyer</string>
<string name="datenaissance">Date de naissance</string>
<string name="pays">Pays</string>
<string name="nom">nom</string>
</resources>
```