AndroidManifest.xml

<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Atelier1\_App1\_Verified"  
 tools:targetApi="31">  
  
 <activity android:name=".SecondActivity" />  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>  
  
MainActivty

package tn.enig.atelier1\_app1\_verified;  
  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Spinner;  
import androidx.appcompat.app.AppCompatActivity;  
  
import java.util.ArrayList;  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText inputName;  
 private RadioGroup departmentGroup;  
 private Spinner levelSpinner;  
 private CheckBox subjectJava, subjectSGBD, subjectReseaux2, subjectAtelierReseaux1, subjectCommOptique,  
 subjectMicroOndes, subjectSystemesEmb, subjectSignal, subjectCommNum, subjectAnglais;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 inputName = findViewById(R.id.inputName);  
 departmentGroup = findViewById(R.id.departmentGroup);  
 levelSpinner = findViewById(R.id.levelSpinner);  
 subjectJava = findViewById(R.id.subjectJava);  
 subjectSGBD = findViewById(R.id.subjectSGBD);  
 subjectReseaux2 = findViewById(R.id.subjectReseaux2);  
 subjectAtelierReseaux1 = findViewById(R.id.subjectAtelierReseaux1);  
 subjectCommOptique = findViewById(R.id.subjectCommOptique);  
 subjectMicroOndes = findViewById(R.id.subjectMicroOndes);  
 subjectSystemesEmb = findViewById(R.id.subjectSystemesEmb);  
 subjectSignal = findViewById(R.id.subjectSignal);  
 subjectCommNum = findViewById(R.id.subjectCommNum);  
 subjectAnglais = findViewById(R.id.subjectAnglais);  
 Button btnSubmit = findViewById(R.id.btnSubmit);  
  
 btnSubmit.setOnClickListener(v -> {  
 String name = inputName.getText().toString();  
  
 int selectedDeptId = departmentGroup.getCheckedRadioButtonId();  
 RadioButton selectedDept = findViewById(selectedDeptId);  
 String department = selectedDept.getText().toString();  
  
 ArrayList<String> selectedSubjects = new ArrayList<>();  
 if (subjectJava.isChecked()) selectedSubjects.add("Java");  
 if (subjectSGBD.isChecked()) selectedSubjects.add("SGBD");  
 if (subjectReseaux2.isChecked()) selectedSubjects.add("Réseaux 2");  
 if (subjectAtelierReseaux1.isChecked()) selectedSubjects.add("Atelier Réseaux 1");  
 if (subjectCommOptique.isChecked()) selectedSubjects.add("Communication Optique");  
 if (subjectMicroOndes.isChecked()) selectedSubjects.add("Dispo et Micro-ondes 2");  
 if (subjectSystemesEmb.isChecked()) selectedSubjects.add("Systèmes Electroniques Embarqués");  
 if (subjectSignal.isChecked()) selectedSubjects.add("Traitement du Signal");  
 if (subjectCommNum.isChecked()) selectedSubjects.add("Communication Numériques");  
 if (subjectAnglais.isChecked()) selectedSubjects.add("Anglais 2");  
  
 String level = levelSpinner.getSelectedItem().toString();  
  
 Intent intent = new Intent(MainActivity.this, SecondActivity.class);  
 intent.putExtra("name", name);  
 intent.putExtra("department", department);  
 intent.putStringArrayListExtra("subjects", selectedSubjects);  
 intent.putExtra("level", level);  
 startActivity(intent);  
 });  
 }  
}

SecondActivty

package tn.enig.atelier1\_app1\_verified;  
  
  
import android.os.Bundle;  
import android.widget.TextView;  
import androidx.appcompat.app.AppCompatActivity;  
  
import java.util.ArrayList;  
  
public class SecondActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_second);  
  
 TextView displayName = findViewById(R.id.displayName);  
 TextView displayDepartment = findViewById(R.id.displayDepartment);  
 TextView displaySubjects = findViewById(R.id.displaySubjects);  
 TextView displayLevel = findViewById(R.id.displayLevel);  
  
 String name = getIntent().getStringExtra("name");  
 String department = getIntent().getStringExtra("department");  
 ArrayList<String> subjects = getIntent().getStringArrayListExtra("subjects");  
 String level = getIntent().getStringExtra("level");  
  
 displayName.setText("Le nom est : " + name);  
 displayDepartment.setText("Votre Département est : " + department);  
 displaySubjects.setText("Les matières sont : " + subjects.toString());  
 displayLevel.setText("Votrre niveau est : " + level);  
 }  
}

Layout

Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fillViewport="true"  
 android:padding="16dp"  
 android:background="@color/white">  
  
<LinearLayout  
android:layout\_width="match\_parent"  
android:layout\_height="wrap\_content"  
android:orientation="vertical">  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="TP1 Android (ENIG)"  
 android:textSize="24sp"  
 android:textStyle="bold"  
 android:textColor="@color/black"  
 android:layout\_gravity="center"/>  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Nom et Prénom:"  
 android:textSize="18sp"  
 android:layout\_marginTop="16dp"/>  
<EditText  
 android:id="@+id/inputName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Entrez votre nom et prénom"/>  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Département:"  
 android:textSize="18sp"  
 android:layout\_marginTop="16dp"/>  
<RadioGroup  
 android:id="@+id/departmentGroup"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <RadioButton android:id="@+id/deptGCR" android:text="GCR" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
 <RadioButton android:id="@+id/deptGEA" android:text="GEA" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
 <RadioButton android:id="@+id/deptGC" android:text="GC" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
 <RadioButton android:id="@+id/deptGCP" android:text="GCP" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
 <RadioButton android:id="@+id/deptGM" android:text="GM" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
</RadioGroup>  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Matières:"  
 android:textSize="18sp"  
 android:layout\_marginTop="16dp"/>  
<CheckBox  
 android:id="@+id/subjectJava"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Java"/>  
  
<CheckBox  
 android:id="@+id/subjectSGBD"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SGBD"/>  
  
<CheckBox  
 android:id="@+id/subjectReseaux2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Réseaux 2"/>  
  
<CheckBox  
 android:id="@+id/subjectAtelierReseaux1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Atelier Réseaux 1"/>  
  
<CheckBox  
 android:id="@+id/subjectCommOptique"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Communication Optique"/>  
  
<CheckBox  
 android:id="@+id/subjectMicroOndes"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Dispo et Micro-ondes 2"/>  
  
<CheckBox  
 android:id="@+id/subjectSystemesEmb"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Systèmes Electroniques Embarqués"/>  
  
<CheckBox  
 android:id="@+id/subjectSignal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Traitement du Signal"/>  
  
<CheckBox  
 android:id="@+id/subjectCommNum"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Communication Numériques"/>  
  
<CheckBox  
 android:id="@+id/subjectAnglais"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Anglais 2"/>  
  
<TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Niveau:"  
 android:textSize="18sp"  
 android:layout\_marginTop="16dp"/>  
<Spinner  
 android:id="@+id/levelSpinner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:entries="@array/level\_array"  
 android:spinnerMode="dropdown"/>  
  
<Button  
 android:id="@+id/btnSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enregistrer"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="24dp"/>  
</LinearLayout>  
 </ScrollView>

Activity\_second.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
  
  
 <LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp"  
 android:background="@color/white">  
  
 <TextView  
 android:id="@+id/displayName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:textColor="@color/black"/>  
  
 <TextView  
 android:id="@+id/displayDepartment"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:textColor="@color/black"/>  
  
 <TextView  
 android:id="@+id/displaySubjects"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:textColor="@color/black"/>  
  
 <TextView  
 android:id="@+id/displayLevel"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:textColor="@color/black"/>  
 </LinearLayout>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>