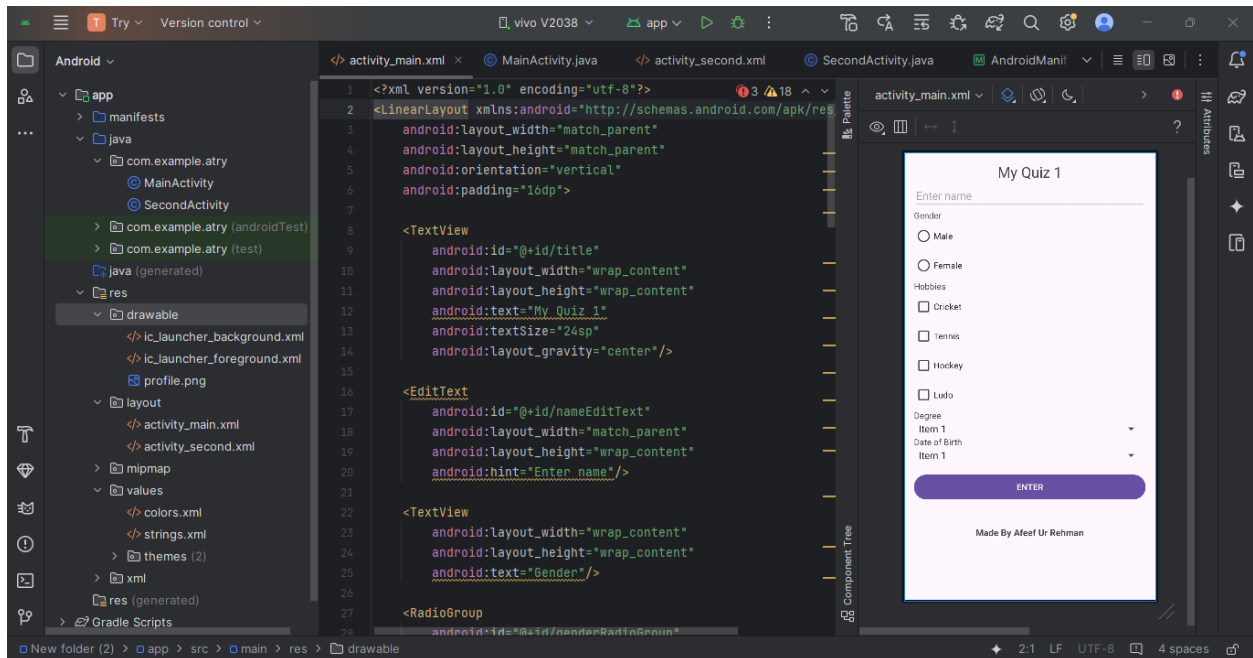# Info Display App

ActivityMain.XML

```xml
<?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"
    android:orientation="vertical"
    android:padding="16dp">

    <TextView
        android:id="@+id/title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="My Quiz 1"
        android:textSize="24sp"
        android:layout_gravity="center"/>

    <EditText
        android:id="@+id/nameEditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter name"/>

    <TextView
        android:layout_width="wrap_content"
```

```xml
        android:layout_height="wrap_content"
        android:text="Gender"/>

    <RadioGroup
        android:id="@+id/genderRadioGroup"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

        <RadioButton
            android:id="@+id/maleRadioButton"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Male"/>

        <RadioButton
            android:id="@+id/femaleRadioButton"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Female"/>
    </RadioGroup>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hobbies"/>

    <CheckBox
        android:id="@+id/hobbyCricket"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Cricket"/>

    <CheckBox
        android:id="@+id/hobbyTennis"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Tennis"/>

    <CheckBox
        android:id="@+id/hobbyHockey"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hockey"/>

    <CheckBox
        android:id="@+id/hobbyLudo"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Ludo"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Degree"/>

    <Spinner
        android:id="@+id/degreeSpinner"
```

```xml
        android:layout_width="match_parent"
        android:layout_height="wrap_content"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Date of Birth"/>

    <Spinner
        android:id="@+id/dobSpinner"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"/>

    <Button
        android:id="@+id/enterButton"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="ENTER"
        android:layout_marginTop="16dp"/>

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Made By Afeef Ur Rehman"
        android:textSize="15sp"
        android:textStyle="bold"
        android:layout_marginTop="40dp"
        android:layout_margin="40dp"
        android:layout_gravity="center"/>
</LinearLayout>
```

MainActivity.JAVA

```java
package com.example.atry;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
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;

public class MainActivity extends AppCompatActivity {

    private EditText nameEditText;
    private RadioGroup genderRadioGroup;
    private Spinner degreeSpinner, dobSpinner;
    private Button enterButton;
```

```java
    private CheckBox hobbyCricket, hobbyTennis, hobbyHockey, hobbyLudo;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        nameEditText = findViewById(R.id.nameEditText);
        genderRadioGroup = findViewById(R.id.genderRadioGroup);
        degreeSpinner = findViewById(R.id.degreeSpinner);
        dobSpinner = findViewById(R.id.dobSpinner);
        enterButton = findViewById(R.id.enterButton);

        hobbyCricket = findViewById(R.id.hobbyCricket);
        hobbyTennis = findViewById(R.id.hobbyTennis);
        hobbyHockey = findViewById(R.id.hobbyHockey);
        hobbyLudo = findViewById(R.id.hobbyLudo);

        // Populate degree spinner
        ArrayAdapter<CharSequence> degreeAdapter =
ArrayAdapter.createFromResource(this,
                R.array.degrees_array,
android.R.layout.simple_spinner_item);

degreeAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdo
wn_item);
        degreeSpinner.setAdapter(degreeAdapter);

        // Populate DOB spinner (example: years)
        ArrayAdapter<CharSequence> dobAdapter =
ArrayAdapter.createFromResource(this,
                R.array.dob_array, android.R.layout.simple_spinner_item);

dobAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_
item);
        dobSpinner.setAdapter(dobAdapter);

        enterButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String name = nameEditText.getText().toString();
                String degree = degreeSpinner.getSelectedItem().toString();
                String dob = dobSpinner.getSelectedItem().toString();
                int age = calculateAge(dob); // Implement age calculation
based on DOB selection

                String gender = ((RadioButton)
findViewById(genderRadioGroup.getCheckedRadioButtonId())).getText().toString
();

                // Collect hobbies
                StringBuilder hobbies = new StringBuilder();
                if (hobbyCricket.isChecked()) hobbies.append("Cricket, ");
                if (hobbyTennis.isChecked()) hobbies.append("Tennis, ");
                if (hobbyHockey.isChecked()) hobbies.append("Hockey, ");
                if (hobbyLudo.isChecked()) hobbies.append("Ludo, ");
```

```java
                // Remove trailing comma and space
                if (hobbies.length() > 0) {
                    hobbies.setLength(hobbies.length() - 2);
                }

                Intent intent = new Intent(MainActivity.this,
SecondActivity.class);
                intent.putExtra("name", name);
                intent.putExtra("gender", gender);
                intent.putExtra("degree", degree);
                intent.putExtra("hobbies", hobbies.toString());
                intent.putExtra("dob", dob);
                intent.putExtra("age", age);
                startActivity(intent);
            }
        });
    }

    private int calculateAge(String dob) {
        // Implement age calculation logic based on the selected dob
        int birthYear = Integer.parseInt(dob);
        int currentYear = 2024; // Adjust this to get the current year
dynamically
        return currentYear - birthYear; // Simplified age calculation
    }
}
```

SecondActivity.XML

```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"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">


    <TextView
        android:id="@+id/infoTitleTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Information"
        android:textAllCaps="true"
        android:textSize="30sp"
        android:layout_gravity="center"
        android:layout_marginBottom="40dp"/>

    <!-- Add Hare the image code -->

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="222dp"
        android:layout_height="231dp"
        android:layout_gravity="center"
```

```xml
            app:srcCompat="@drawable/profile" />

    <TextView
        android:id="@+id/nameTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textAllCaps="true"
        android:textSize="24sp"
        android:text="Name: "
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/genderTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Gender: "
        android:textSize="20sp"
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/degreeTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="20sp"
        android:text="Degree: "
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/hobbiesTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="20sp"
        android:text="Hobbies: "
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/dobTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="20sp"
        android:text="DOB: "
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/ageTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="20sp"
        android:text="Message: "
        android:layout_gravity="center"/>

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Made By Afeef Ur Rehman"
        android:textSize="15sp"
```

```xml
        android:textStyle="bold"
        android:layout_marginTop="40dp"
        android:layout_margin="40dp"
        android:layout_gravity="center"/>
</LinearLayout>
```

SecondActivity.JAVA

```java
package com.example.atry;

import android.os.Bundle;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class SecondActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);

        TextView nameTextView = findViewById(R.id.nameTextView);
        TextView genderTextView = findViewById(R.id.genderTextView);
        TextView degreeTextView = findViewById(R.id.degreeTextView);
        TextView hobbiesTextView = findViewById(R.id.hobbiesTextView);
        TextView dobTextView = findViewById(R.id.dobTextView);
        TextView ageTextView = findViewById(R.id.ageTextView);


        String name = getIntent().getStringExtra("name");
        String gender = getIntent().getStringExtra("gender");
        String degree = getIntent().getStringExtra("degree");
        String hobbies = getIntent().getStringExtra("hobbies");
        String dob = getIntent().getStringExtra("dob");
        int age = getIntent().getIntExtra("age", 0);

        nameTextView.setText("Name: " + name);
        genderTextView.setText("Gender: " + gender);
        degreeTextView.setText("Degree: " + degree);
        hobbiesTextView.setText("Hobbies:" + hobbies);
        dobTextView.setText("DOB:   " + dob);
        ageTextView.setText("Message:" + (age < 18 ? "You are under 18" :
"you are 18 or older"));
    }
}
```
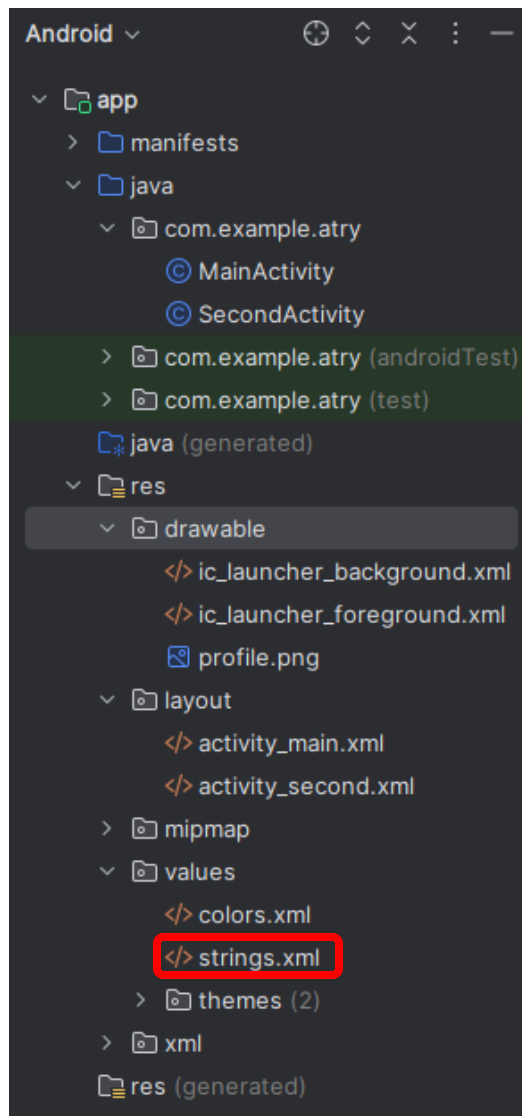
ActivityManifest.XML

```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="info"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Try"
        tools:targetApi="31">
        <activity
            android:name=".SecondActivity"
            android:exported="false" />
        <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>
```

Strings.XML

```xml
<resources>
    <string name="app_name">My Quiz</string>
    <string-array name="degrees_array">
        <item>Bachelor</item>
        <item>Diploma</item>
        <item>Master</item>
        <item>PhD</item>
    </string-array>
    <string-array name="dob_array">
        <item>2005</item>
        <item>2006</item>
        <item>2007</item>
        <item>2008</item>
        <item>2009</item>
        <item>2010</item>
        <item>2011</item>
```

```xml
    </string-array>
</resources>
```