

MainActivity.java

```
package com.example.afinal;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.PopupMenu;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity {
    EditText editTextName;
    RadioGroup radioGroupGender;
    CheckBox checkBoxQualification1, checkBoxQualification2, checkBoxQualification3;
    Button buttonSubmit;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        editTextName = findViewById(R.id.editTextName);
        radioGroupGender = findViewById(R.id.radioGroupGender);
        checkBoxQualification1 = findViewById(R.id.checkBoxQualification1);
        checkBoxQualification2 = findViewById(R.id.checkBoxQualification2);
        checkBoxQualification3 = findViewById(R.id.checkBoxQualification3);
    }
    public void handleSubmitButtonClick(View V) {
        // Retrieve user input
        String name = editTextName.getText().toString();

        // Get selected gender
        int genderId = radioGroupGender.getCheckedRadioButtonId();
        RadioButton selectedGender = findViewById(genderId);
        String gender = selectedGender.getText().toString();

        // Get qualifications
        String qualifications = "";
        if (checkBoxQualification1.isChecked()) {
            qualifications = qualifications + "Bachelor's ";
        }
        if (checkBoxQualification2.isChecked()) {
            qualifications = qualifications + "Master's ";
        }
        if (checkBoxQualification3.isChecked()) {
            qualifications = qualifications + "PhD ";
        }

        // Create an intent to pass data to DisplayActivity
        Intent intent = new Intent(MainActivity.this, DisplayActivity.class);
        intent.putExtra("name", name);
        intent.putExtra("gender", gender);
        intent.putExtra("qualifications", qualifications.toString());

        // Start DisplayActivity
        startActivity(intent);
    }
}
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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:onClick="handleSubmitButtonClick"
tools:context=".MainActivity">

<RadioGroup
    android:id="@+id/radioGroupGender"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.054"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.413">
    <RadioButton
        android:id="@+id/radioButtonMale"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Male" />
    <RadioButton
        android:id="@+id/radioButtonFemale"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Female" />
    <RadioButton
        android:id="@+id/radioButtonNA"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Not Specified" />
</RadioGroup>

<CheckBox
    android:id="@+id/checkboxQualification2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="8dp"
    android:text="Master's"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.708"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/checkboxQualification1" />
<CheckBox
    android:id="@+id/checkboxQualification1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="240dp"
    android:text="Bachelor's"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.733"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
<CheckBox
    android:id="@+id/checkboxQualification3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="PhD"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.648"
```

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        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/checkboxQualification2"
        app:layout_constraintVertical_bias="0.029" />

<EditText
    android:id="@+id/editTextName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="text"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.182" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="handleSubmitButtonClick"
    android:text="Submit"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.462"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.679" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

DisplayActivity.java

```

package com.example.afinal;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.widget.TextView;
public class DisplayActivity extends AppCompatActivity {
    TextView textViewData;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_display);

        textViewData = findViewById(R.id.Data);

        // Get data from Intent
        Intent intent = getIntent();
        String name = intent.getStringExtra("name");
        String gender = intent.getStringExtra("gender");
        String qualifications = intent.getStringExtra("qualifications");

        // Display the data
        textViewData.setText("Name: " + name + "\nGender: " + gender +
"\nQualifications: " + qualifications);
    }
}

```

activity_display.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:id="@+id/textViewData"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".DisplayActivity">

    <TextView
        android:id="@+id/Data"
        android:layout_width="222dp"
        android:layout_height="116dp"
        android:text="TextView"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

22:58

☐ Male ☐ Bachelor's

☐ Female ☐ Master's

☐ Not Specified ☐ PhD

Submit

22:58

Ajinkya _____

☒ Male ☒ Bachelor's

☐ Female ☐ Master's

☐ Not Specified ☐ PhD

Submit

22:59

Name: Ajinkya
Gender: Male
Qualifications: Bachelor's