# MainActivity.java

package com.example.exp\_04;

import android.content.Intent;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.widget.\*;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

EditText nameInput;

Spinner subjectSpinner;

RadioGroup genderGroup;

CheckBox graduateCheck, postGraduateCheck, phdCheck;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

getSupportActionBar().hide();

setContentView(R.layout.activity\_main);

nameInput = findViewById(R.id.nameInput);

subjectSpinner = findViewById(R.id.subjectSpinner);

genderGroup = findViewById(R.id.genderRadioGroup);

graduateCheck = findViewById(R.id.graduateCheck);

postGraduateCheck = findViewById(R.id.postGraduateCheck);

phdCheck = findViewById(R.id.phdCheck);

subjectSpinner.setAdapter(new ArrayAdapter<>(this,

android.R.layout.simple\_spinner\_dropdown\_item,

new String[]{"Computer Science", "Math", "Physics"}));

findViewById(R.id.submitButton).setOnClickListener(v -> {

if (nameInput.getText().toString().isEmpty() || genderGroup.getCheckedRadioButtonId() == -1) {

Toast.makeText(this, "Fill all fields", Toast.LENGTH\_SHORT).show();

return;

}

String qualifications = "";

if (graduateCheck.isChecked()) qualifications += "Graduate ";

if (postGraduateCheck.isChecked()) qualifications += "Post Graduate ";

if (phdCheck.isChecked()) qualifications += "PhD";

SharedPreferences.Editor editor = getSharedPreferences("RegistrationData", MODE\_PRIVATE).edit();

editor.putString("name", nameInput.getText().toString());

editor.putString("subject", subjectSpinner.getSelectedItem().toString());

editor.putString("gender", ((RadioButton) findViewById(genderGroup.getCheckedRadioButtonId())).getText().toString());

editor.putString("qualifications", qualifications.trim());

editor.apply();

startActivity(new Intent(this, ShowActivity.class));

});

}

}

# ShowActivity.java

package com.example.exp\_04;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.widget.\*;

import androidx.appcompat.app.AppCompatActivity;

public class ShowActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

getSupportActionBar().hide();

setContentView(R.layout.activity\_show);

SharedPreferences prefs = getSharedPreferences("RegistrationData", MODE\_PRIVATE);

((TextView) findViewById(R.id.nameText)).setText(prefs.getString("name", ""));

((TextView) findViewById(R.id.subjectText)).setText(prefs.getString("subject", ""));

((TextView) findViewById(R.id.genderText)).setText(prefs.getString("gender", ""));

((TextView) findViewById(R.id.qualificationsText)).setText(prefs.getString("qualifications", ""));

findViewById(R.id.backButton).setOnClickListener(v -> finish());

}

}

# activity\_main.xml

<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">

<EditText

android:id="@+id/nameInput"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Enter Name" />

<Spinner

android:id="@+id/subjectSpinner"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" />

<RadioGroup

android:id="@+id/genderRadioGroup"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal">

<RadioButton

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Male" />

<RadioButton

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Female" />

</RadioGroup>

<CheckBox

android:id="@+id/graduateCheck"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Graduate" />

<CheckBox

android:id="@+id/postGraduateCheck"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Post Graduate" />

<CheckBox

android:id="@+id/phdCheck"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="PhD" />

<Button

android:id="@+id/submitButton"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit" />

</LinearLayout>

# activity\_show.xml

<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/nameText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Name:" />

<TextView android:id="@+id/subjectText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Subject:" />

<TextView android:id="@+id/genderText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Gender:" />

<TextView android:id="@+id/qualificationsText"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Qualifications:" />

<Button android:id="@+id/backButton"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Back" />

</LinearLayout>