## with radiobutton

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="<http://schemas.android.com/apk/res/android>" xmlns:tools="<http://schemas.android.com/tools>" android:layout\_width="match\_parent"

android:layout\_height="match\_parent" tools:context=".MainActivity">

<EditText android:id="@+id/etFirstName" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:hint="First Name" android:layout\_margin="16dp"/>

<EditText android:id="@+id/etLastName" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:hint="Last Name"

android:layout\_below="@id/etFirstName" android:layout\_margin="16dp"/>

<EditText android:id="@+id/etDateOfBirth" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:hint="Date of Birth"

android:layout\_below="@id/etLastName" android:layout\_margin="16dp"/>

<Spinner android:id="@+id/spinnerLocation" android:layout\_width="match\_parent" android:layout\_height="wrap\_content"

android:layout\_below="@id/etDateOfBirth" android:layout\_margin="16dp"/>

<RadioGroup android:id="@+id/radioGroupDiet" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_below="@id/spinnerLocation" android:layout\_margin="16dp">

<RadioButton android:id="@+id/radioButtonVegetarian" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Vegetarian" />

<RadioButton android:id="@+id/radioButtonNonVegetarian" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Non-Vegetarian" />

</RadioGroup>

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

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Submit" android:layout\_below="@id/radioGroupDiet" android:layout\_centerHorizontal="true" android:layout\_marginTop="32dp"/>

</RelativeLayout>

## Mainactivity

package com.example.myapplication; import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.ArrayAdapter; import android.widget.Button; import android.widget.EditText; import android.widget.RadioButton; import android.widget.RadioGroup; import android.widget.Spinner; import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity; public class MainActivity extends AppCompatActivity { EditText etFirstName, etLastName, etDateOfBirth;

Spinner spinnerLocation; RadioGroup radioGroupDiet; Button btnSubmit;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

etFirstName = findViewById(R.id.etFirstName); etLastName = findViewById(R.id.etLastName); etDateOfBirth = findViewById(R.id.etDateOfBirth); spinnerLocation = findViewById(R.id.spinnerLocation); radioGroupDiet = findViewById(R.id.radioGroupDiet); btnSubmit = findViewById(R.id.btnSubmit);

// Populate spinner with data

ArrayAdapter<CharSequence> adapter = ArrayAdapter.createFromResource(this, R.array.locations\_array, android.R.layout.simple\_spinner\_item);

adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item); spinnerLocation.setAdapter(adapter);

btnSubmit.setOnClickListener(new View.OnClickListener() { @Override

public void onClick(View v) { if (validateForm()) {

// If form is valid, navigate to next activity navigateToNextActivity();

}

}

});

}

private boolean validateForm() {

String firstName = etFirstName.getText().toString().trim(); String lastName = etLastName.getText().toString().trim(); String dateOfBirth = etDateOfBirth.getText().toString().trim(); String location = spinnerLocation.getSelectedItem().toString();

RadioButton selectedRadioButton = findViewById(radioGroupDiet.getCheckedRadioButtonId()); String diet = selectedRadioButton.getText().toString();

if (firstName.isEmpty() || lastName.isEmpty() || dateOfBirth.isEmpty() || location.isEmpty()) { Toast.makeText(this, "Please fill in all fields", Toast.LENGTH\_SHORT).show();

return false;

}

return true;

}

private void navigateToNextActivity() {

// Here you can navigate to the next activity

Intent intent = new Intent(MainActivity.this, MainActivity2.class); intent.putExtra("firstName", etFirstName.getText().toString().trim()); intent.putExtra("lastName", etLastName.getText().toString().trim()); intent.putExtra("dateOfBirth", etDateOfBirth.getText().toString().trim());

intent.putExtra("location", spinnerLocation.getSelectedItem().toString());

// Get selected diet option

RadioButton selectedRadioButton = findViewById(radioGroupDiet.getCheckedRadioButtonId()); String diet = selectedRadioButton.getText().toString();

intent.putExtra("diet", diet);

startActivity(intent);

}

}

## String.xml

<resources>

<string name="app\_name">My Application</string>

<!-- Spinner locations -->

<string-array name="locations\_array">

<item>Madurai</item>

<item>Chennai</item>

<item>Sivakasi</item>

</string-array>

</resources>

## Activitymain2

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="<http://schemas.android.com/apk/res/android>" xmlns:tools="<http://schemas.android.com/tools>" android:layout\_width="match\_parent"

android:layout\_height="match\_parent" tools:context=".MainActivity2">

<TextView android:id="@+id/tvFirstName" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="First Name:" android:layout\_margin="16dp"/>

<TextView android:id="@+id/tvLastName" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Last Name:"

android:layout\_below="@id/tvFirstName" android:layout\_margin="16dp"/>

<TextView android:id="@+id/tvDateOfBirth" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Date of Birth:" android:layout\_below="@id/tvLastName" android:layout\_margin="16dp"/>

<TextView android:id="@+id/tvLocation" android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content" android:text="Location:" android:layout\_below="@id/tvDateOfBirth" android:layout\_margin="16dp"/>

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

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Diet:" android:layout\_below="@id/tvLocation" android:layout\_margin="16dp"/>

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

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Back" android:layout\_below="@id/tvDiet" android:layout\_centerHorizontal="true" android:layout\_marginTop="32dp"/>

</RelativeLayout>

## Mainactivity2

package com.example.myapplication; import android.content.Intent;

import android.os.Bundle;

import android.widget.Button; import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity; public class MainActivity2 extends AppCompatActivity {

TextView tvFirstName, tvLastName, tvDateOfBirth, tvLocation, tvDiet; Button btnBack;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main2);

tvFirstName = findViewById(R.id.tvFirstName); tvLastName = findViewById(R.id.tvLastName); tvDateOfBirth = findViewById(R.id.tvDateOfBirth); tvLocation = findViewById(R.id.tvLocation); tvDiet = findViewById(R.id.tvDiet);

btnBack = findViewById(R.id.btnBack);

// Get data from intent Intent intent = getIntent();

String firstName = intent.getStringExtra("firstName"); String lastName = intent.getStringExtra("lastName"); String dateOfBirth = intent.getStringExtra("dateOfBirth"); String location = intent.getStringExtra("location");

String diet = intent.getStringExtra("diet");

// Set data to TextViews tvFirstName.setText("First Name: " + firstName); tvLastName.setText("Last Name: " + lastName);

tvDateOfBirth.setText("Date of Birth: " + dateOfBirth); tvLocation.setText("Location: " + location); tvDiet.setText("Diet: " + diet);

btnBack.setOnClickListener(v -> finish());

}

}