package com.example.program4;

import android.os.Bundle;

import android.view.View;

import android.widget.\*;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

// Shortened radio button handling

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

int selectedId = ((RadioGroup) findViewById(R.id.radioGroup)).getCheckedRadioButtonId();

String selectedYear = selectedId != -1 ? ((RadioButton) findViewById(selectedId)).getText().toString() : "No Year Selected";

Toast.makeText(this, selectedYear, Toast.LENGTH\_SHORT).show();

});

// Shortened checkbox handling

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

String[] certs = {"cbPython", "cbAWS", "cbFullstack", "cbMobile"};

StringBuilder selectedCerts = new StringBuilder();

for (String cert : certs) {

CheckBox checkBox = findViewById(getResources().getIdentifier(cert, "id", getPackageName()));

if (checkBox.isChecked()) selectedCerts.append(checkBox.getText()).append(" ");

}

String output = selectedCerts.length() > 0 ? "Selected: " + selectedCerts.toString() : "No Certification Selected";

Toast.makeText(this, output, Toast.LENGTH\_SHORT).show();

});

}

}

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

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:padding="16dp">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Select Year"

android:textSize="20sp"/>

<RadioGroup

android:id="@+id/radioGroup"

android:layout\_width="match\_parent"

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

<RadioButton

android:id="@+id/rbFirstYear"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="First Year"/>

<RadioButton

android:id="@+id/rbSecondYear"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Second Year"/>

<RadioButton

android:id="@+id/rbThirdYear"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Third Year"/>

<RadioButton

android:id="@+id/rbFourthYear"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Fourth Year"/>

</RadioGroup>

<Button

android:id="@+id/btnSubmit"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit"/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Select Certifications"

android:textSize="20sp"

android:layout\_marginTop="20dp"/>

<CheckBox

android:id="@+id/cbPython"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Python"/>

<CheckBox

android:id="@+id/cbAWS"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="AWS Services"/>

<CheckBox

android:id="@+id/cbFullstack"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Fullstack Development"/>

<CheckBox

android:id="@+id/cbMobile"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mobile App Development"/>

<Button

android:id="@+id/btnCertSubmit"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit Certifications"/>

</LinearLayout>

package com.example.scrollapp;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

setupButton(R.id.ece, "Welcome to ECE", "https://www.reva.edu.in/course/btech-in-electronics-and-communication-engineering");

setupButton(R.id.eee, "Welcome to EEE", "https://www.reva.edu.in/course/btech-in-electrical-and-electronics-engineering");

setupButton(R.id.mech, "Welcome to Mechanical", "https://www.reva.edu.in/course/btech-in-mechanical-engineering");

setupButton(R.id.cnit, "Welcome to CNIT", "https://www.reva.edu.in/course-list/school-of-computing-and-information-technology");

}

private void setupButton(int buttonId, String message, String url) {

Button button = findViewById(buttonId);

button.setOnClickListener(view -> {

Toast.makeText(MainActivity.this, message, Toast.LENGTH\_SHORT).show();

Intent i = new Intent(Intent.ACTION\_VIEW, Uri.parse(url));

startActivity(i);

});

}

}

<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical"

android:gravity="center\_horizontal"

android:padding="16dp">

<!-- First Screen Buttons -->

<Button

android:id="@+id/ece"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="School of ECE"

android:layout\_marginTop="50dp"

android:backgroundTint="#FF5722"

android:textColor="#FFF"

android:textStyle="bold" />

<Button

android:id="@+id/eee"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="School of EEE"

android:layout\_marginTop="50dp"

android:backgroundTint="#FF5722"

android:textColor="#FFF"

android:textStyle="bold" />

<Button

android:id="@+id/mech"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="School of Mechanical"

android:layout\_marginTop="50dp"

android:backgroundTint="#FF5722"

android:textColor="#FFF"

android:textStyle="bold" />

<!-- Second Screen Buttons -->

<Button

android:id="@+id/cnit"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="School of CNIT"

android:layout\_marginTop="100dp"

android:backgroundTint="#FF5722"

android:textColor="#FFF"

android:textStyle="bold" />

</LinearLayout>

</ScrollView>