Develop a program to implement Checkbox.

```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"
    tools:context=".MainActivity">

    <RelativeLayout
        android:id="@+id/parentContainer"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:padding="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <TextView
            android:id="@+id/heading"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerHorizontal="true"
            android:gravity="center"
            android:text="Scholarship Form"
            android:textColor="@color/black"
            android:textSize="30dp"
            android:textStyle="bold" />
```

```xml
<ImageView
    android:id="@+id/profile"
    android:layout_width="100dp"
    android:layout_height="100dp"
    android:layout_below="@id/heading"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="30dp"
    android:elevation="10dp"
    android:src="@drawable/profile" />

<EditText
    android:id="@+id/Entername"
    android:layout_width="match_parent"
    android:layout_height="70dp"
    android:layout_below="@id/profile"
    android:layout_marginTop="30dp"
    android:elevation="2dp"
    android:hint="Enter your name"
    android:padding="15dp" />

<EditText
    android:id="@+id/EnterEnroll"
    android:layout_width="match_parent"
    android:layout_height="70dp"
    android:layout_below="@id/Entername"
    android:layout_marginTop="30dp"
    android:elevation="2dp"
    android:hint="Enter your address"
    android:padding="15dp" />
```

```xml
<EditText
    android:id="@+id/EnterDeparment"
    android:layout_width="match_parent"
    android:layout_height="70dp"
    android:layout_below="@id/EnterEnroll"
    android:layout_marginTop="30dp"
    android:elevation="2dp"
    android:hint="Enter your college name"
    android:padding="15dp" />


<CheckBox
    android:id="@+id/psc1"
    android:layout_width="180dp"
    android:layout_height="wrap_content"
    android:layout_below="@id/EnterDeparment"
    android:text="Punjanrao scholarship" />

<CheckBox
    android:id="@+id/osc1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/EnterDeparment"
    android:layout_marginLeft="30dp"
    android:layout_toRightOf="@id/psc1"
    android:text="OBC scholarship" />

<CheckBox
    android:id="@+id/esc1"
```

```xml
            android:layout_width="180dp"

            android:layout_height="wrap_content"

            android:layout_below="@id/psc1"

            android:text="EWS scholarship" />


        <CheckBox

            android:id="@+id/tsc1"

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_below="@id/osc1"

            android:layout_marginLeft="30dp"

            android:layout_toRightOf="@id/esc1"

            android:text="TFWS scholarship" />


        <Button

            android:id="@+id/submit"

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_below="@id/esc1"

            android:layout_centerHorizontal="true"

            android:text="Submit" />


    </RelativeLayout>


</androidx.constraintlayout.widget.ConstraintLayout>
```

Java code

```java
package com.example.prac6;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.CompoundButton;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    CheckBox c1,c2,c3,c4;
    Button submit;

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

        submit = (Button) findViewById(R.id.submit);
        c1 = (CheckBox) findViewById(R.id.psc1);
        c2 = (CheckBox) findViewById(R.id.osc1);
        c3 = (CheckBox) findViewById(R.id.esc1);
        c4 = (CheckBox) findViewById(R.id.tsc1);
```

```java
    c1.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
        @Override
        public void onCheckedChanged(CompoundButton compoundButton, boolean b) {
            Toast.makeText(getApplicationContext(), "You selected Punjabrao scholarship",
Toast.LENGTH_SHORT).show();
        }
    });


    c2.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
        @Override
        public void onCheckedChanged(CompoundButton compoundButton, boolean b) {
            Toast.makeText(getApplicationContext(), "You selected OBC scholarship",
Toast.LENGTH_SHORT).show();
        }
    });


    c3.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
        @Override
        public void onCheckedChanged(CompoundButton compoundButton, boolean b) {
            Toast.makeText(getApplicationContext(), "You selected EWS scholarship",
Toast.LENGTH_SHORT).show();
        }
    });


    c4.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
        @Override
        public void onCheckedChanged(CompoundButton compoundButton, boolean b) {
            Toast.makeText(getApplicationContext(), "You selected TFWS scholarship",
Toast.LENGTH_SHORT).show();
        }
    });
```

```java
        submit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(getApplicationContext(), ProblemStatement1.class);
                startActivity(intent);
            }
        });
    }
}
```