**Practical no.-**11 & 12

**Title:** Develop a program to implement Checkbox, RadioButton. & RadioGroup.

**Roll No.:**15 **Batch-** A **Date of Performance:** 12/02/2024

**activity\_main.xml**

<AbsoluteLayout 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:background="@drawable/bg2"

tools:context=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="124dp"

android:layout\_y="25dp"

android:text="Select Subjects"

android:textSize="20dp"/>

<RadioGroup

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="167dp"

android:layout\_y="72dp"

android:orientation="vertical">

<RadioButton

android:id="@+id/WBP"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="121dp"

android:layout\_y="293dp"

android:text="WBP"/>

<RadioButton

android:id="@+id/ADM"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="211dp"

android:layout\_y="294dp"

android:text="ADM"/>

</RadioGroup>

<CheckBox

android:id="@+id/PWP"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="207dp"

android:layout\_y="190dp"

android:text="PWP"/>

<CheckBox

android:id="@+id/MAD"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="281dp"

android:layout\_y="190dp"

android:text="MAD"/>

<CheckBox

android:id="@+id/ETI"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="126dp"

android:layout\_y="190dp"

android:text="ETI"/>

<CheckBox

android:id="@+id/EDE"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="40dp"

android:layout\_y="190dp"

android:text="EDE"/>

<Button

android:id="@+id/btn1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_x="162dp"

android:layout\_y="370dp"

android:text="Submit"/>

</AbsoluteLayout>

**MainActivity.java**

package com.example.pract\_1112checkboxradiobutton;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.RadioButton;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

CheckBox pwp,mad,eti,ede;

RadioButton wbp,adm;

String text;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

pwp=findViewById(R.id.PWP);

mad=findViewById(R.id.MAD);

eti=findViewById(R.id.ETI);

ede=findViewById(R.id.EDE);

wbp=findViewById(R.id.WBP);

adm=findViewById(R.id.ADM);

findViewById(R.id.btn1).setOnClickListener(v->{

text="";

if(pwp.isChecked())

text+= pwp.getText().toString()+", ";

if(mad.isChecked())

text+=mad.getText().toString()+", ";

if(eti.isChecked())

text+=eti.getText().toString()+", ";

if(ede.isChecked())

text+=ede.getText().toString()+", ";

if(wbp.isChecked())

text+=wbp.getText().toString()+", ";

if(adm.isChecked())

text+=adm.getText().toString()+", ";

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

});

}

}

