**Program3: Create an android application to implement spinner class using java**

Xml code:

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

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

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="#8BC34A"

android:backgroundTint="#8BC34A"

android:contextClickable="true">

<TextView

android:id="@+id/txtVw"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginLeft="50dp"

android:layout\_marginTop="150dp"

android:background="#3F51B5"

android:text="Select Branch:"

android:textColor="#FFEB3B"

android:textSize="20sp"

android:textStyle="bold" />

<Spinner

android:id="@+id/spinner1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignBottom="@+id/txtVw"

android:layout\_toRightOf="@+id/txtVw" />

</RelativeLayout>

Java code:

package com.example.program12;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView;

import android.widget.ArrayAdapter;

import android.widget.Spinner;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity implements AdapterView.OnItemSelectedListener {

String[] Branches = { "CSE", "AIDS", "IOT", "ECE", "CNIT" };

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

Spinner spin = (Spinner) findViewById(R.id.*spinner1*);

ArrayAdapter<String> adapter = new ArrayAdapter<String>(this, android.R.layout.*simple\_spinner\_item*, Branches);

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

spin.setAdapter(adapter);

spin.setOnItemSelectedListener(this);

}

@Override

public void onItemSelected(AdapterView<?> arg0, View arg1, int position,long id) {

Toast.*makeText*(getApplicationContext(), "Selected User: "+Branches[position] ,Toast.*LENGTH\_SHORT*).show();

}

@Override

public void onNothingSelected(AdapterView<?> arg0) {

*// TODO - Custom Code*

}

}