COURSE OUTCOME:4

PROGRAM:2

AIM: Develop an application that implements Spinner component and perform event handling

SOURCE CODE:

Activity\_main.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:id="@+id/layout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<Spinner

android:id="@+id/spinnerob"

android:layout\_width="132dp"

android:layout\_height="60dp"

android:contentDescription="Spinner"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java:

package com.example.co4p2spinner;

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.TextView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity implements AdapterView.OnItemSelectedListener {

String[] countrynames = {"India", "America", "Japan", "China", "Tokyo"};

//TextView t1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Spinner s = (Spinner) findViewById(R.id.spinnerob);

s.setOnItemSelectedListener(this);

ArrayAdapter arrayAdapter = new ArrayAdapter(this, android.R.layout.simple\_spinner\_item, countrynames);

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

s.setAdapter(arrayAdapter);

}

@Override

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

// String text = parent.getItemAtPosition(position).toString();

Toast.makeText(getApplicationContext(),countrynames[position], Toast.LENGTH\_SHORT).show();

}

@Override

public void onNothingSelected(AdapterView<?> parent) {

//Autogenerated

}

}