**Spinner component - event handling.**

**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:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<Spinner

android:id="@+id/spinner"

android:layout\_height="50dp"

android:layout\_width="160dp"

android:layout\_marginEnd="10dp"

android:layout\_marginStart="10dp"

android:layout\_marginBottom="10dp"

android:layout\_marginTop="10dp"

app:layout\_constraintStart\_toStartOf="parent"

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

</androidx.constraintlayout.widget.ConstraintLayout>

**Java Code:**

package com.example.spinner;

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[] country = { "India", "USA", "China", "Japan", "Other"};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

//Getting the instance of Spinner and applying OnItemSelectedListener on it

Spinner spin = (Spinner) findViewById(R.id.spinner);

spin.setOnItemSelectedListener(this);

//Creating the ArrayAdapter instance having the country list

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

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

//Setting the ArrayAdapter data on the Spinner

spin.setAdapter(aa);

}

//Performing action onItemSelected and onNothing selected

@Override

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

Toast.makeText(getApplicationContext(),country[position] , Toast.LENGTH\_LONG).show();

}

@Override

public void onNothingSelected(AdapterView<?> arg0) {

// TODO Auto-generated method stub

}

}

**Output:**

   Text

Description automatically generated