

## **PROGRAM NO :2**

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

### **PROGRAM CODE:**

Activity_ main.xml	<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt;  &lt;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"     android:background="#DCB5B5"     tools:context=".MainActivity"&gt;      &lt;Spinner          android:id="@+id/spinner"         android:layout_width="120dp"         android:layout_height="70dp"         android:background="#1B7C7C"         app:layout_constraintBottom_toBottomOf="parent"         app:layout_constraintEnd_toEndOf="parent"         app:layout_constraintHorizontal_bias="0.498"         app:layout_constraintStart_toStartOf="parent"         app:layout_constraintTop_toTopOf="parent"</pre>
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Mainactivity.java

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        app:layout_constraintVertical_bias="0.462" />

</androidx.constraintlayout.widget.ConstraintLayout>

package com.example.spinner;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.Spinner;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity
implements
    AdapterView.OnItemClickListener {
    String[] country = { "csgo", "valorant", "apex legends",
"pubg", "Others"};

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        //Getting the instance of Spinner and applying
OnItemClickListener 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,countr
y);

aa.setDropDownViewResource(android.R.layout.simple_spinner_dr
opdown_item);
        //Setting the ArrayAdapter data on the Spinner
        spin.setAdapter(aa);

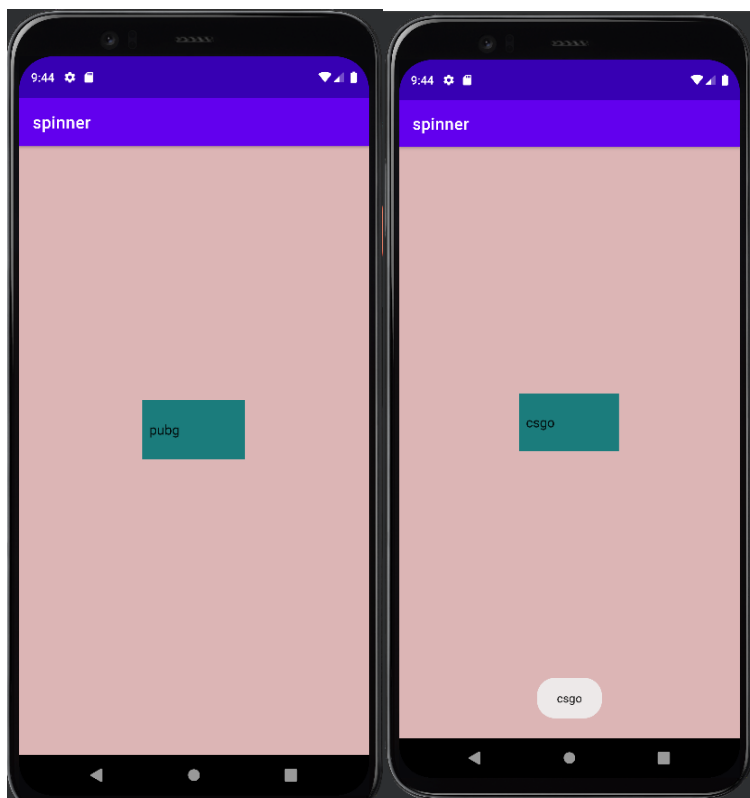
    }

    //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();
    }
}
```

	<pre>} @Override public void onNothingSelected(AdapterView&lt;?&gt; arg0) {     // TODO Auto-generated method stub } }</pre>
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## OUTPUT:



## RESULT

Program Has Been Succesfully Executed And Output Is Obtained.