SPINNER

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.TextView;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class MainActivity extends AppCompatActivity {  
 Spinner sp;  
 TextView t1;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 sp=(Spinner) findViewById(R.id.*sp*);  
 t1=(TextView) findViewById(R.id.*t1*);  
 List<String> items= new ArrayList<>();  
 items.add("Apple");  
 items.add("Mango");  
 items.add("Strawberry");  
 items.add("Grapes");  
 items.add("Orange");  
 ArrayAdapter<String> adapter =new ArrayAdapter<>(this, android.R.layout.*simple\_spinner\_item*,items);  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 sp.setAdapter(adapter);  
 sp.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> adapterView, View view, int i, long l) {  
 String sl=sp.getSelectedItem().toString();  
 t1.setText("Selected item: "+sl);  
 }  
  
 @Override  
 public void onNothingSelected(AdapterView<?> adapterView) {  
 t1.setText("Select an item");  
  
 }  
 });  
  
 }  
}

xml code

<?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/sp"  
 android:layout\_width="324dp"  
 android:layout\_height="56dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.494"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.281" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="159dp"  
 android:layout\_height="52dp"  
 android:text="SPINNER"  
 android:textSize="34sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.46"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.106" />  
  
 <TextView  
 android:id="@+id/t1"  
 android:layout\_width="159dp"  
 android:layout\_height="52dp"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.46"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.592" />  
</androidx.constraintlayout.widget.ConstraintLayout>

OUTPUT:



