Zarga Uni. Internet Technology Android Programming Dr. Khaled Algawasmi

Spinner

11:53

Green

FIND COLOR

0

<

Activit_ymain.xml

```
My Application
?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout</pre>
xmlns:android="http://schemas.android.com/apk/res/andro
id"
    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_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout marginEnd="64dp"
        android:layout_marginTop="84dp"
        app:layout constraintEnd toEndOf="parent"
        android:entries="@array/mycolor"
        app:layout_constraintTop_toTopOf="parent" />
    <But.ton
        android:id="@+id/but find"
        android:layout width="wrap content"
        android:layout_height="wrap_content"
        android:layout marginStart="160dp"
        android:layout marginTop="92dp"
        android: onClick="findcolor"
        android:text="find color"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toBottomOf="@+id/spinner" />
    <TextView
        android:id="@+id/textfind"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout marginStart="144dp"
        android:layout marginTop="76dp"
        android:text="selected color"
        app:layout constraintStart toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/but_find" />
</android.support.constraint.ConstraintLayout>
```

String.xml

```
<resources>
    <string name="app_name">My Application</string>
    <string-array name="mycolor">
        <item>Red</item>
        <item>Green</item>
    </string-array>
</resources>
```

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MainActivity.java

```
package com.example.itech mgr.myapplication;
import android.graphics.Color;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    Button btn;
    TextView tv;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        btn=(Button)findViewById(R.id.but find);
        tv=(TextView)findViewById(R.id.textfind);
        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Spinner color = (Spinner) findViewById(R.id.spinner);
               String m= String.valueOf(color.getSelectedItem());
                Toast.makeText (MainActivity.this, m,
Toast. LENGTH_SHORT) .show();
             tv.setText(m);
             if(m.equalsIgnoreCase("Red")) {
                 tv.setBackgroundColor(Color.RED);
       });
   }
}
```