Create spinner with strings taken from resource folder (res >> value folder) and on changing the spinner value, Image will change

The most important functionality, i.e. How to take input from user like combobox. Here in Android there is concept called as Spinner. In Spinner you can add values using Array and finally you can able to trace that values when someone selects any items from the Spinner. Following example explains how to use Spinner and Display images on Imageview on the selection of the Array Options.

Don't forget to add 3 images into drawable folder named img1.png, img2.png and img3.png else you can download complete code using link at the bottom of the code.

Main.xml:

```xml
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin">
    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="14dp"
        android:text="Spinner and Image Example"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <Spinner
        android:id="@+id/spinner1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/textView1"
        android:entries="@array/imgarray"
        android:layout_centerHorizontal="true" />
```

```xml
    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="24dp"
        android:text="@string/textView2"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <ImageView
        android:id="@+id/imageView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/spinner1"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="28dp"
        android:src="@drawable/ic_launcher" />

</RelativeLayout>
```

string.xml:

```xml
<resources>

    <string name="app_name">mca_andriod_prog6</string>

    <string-array name="imgarray">
        <item> img1 </item>
        <item> img2 </item>
        <item> img3 </item>
    </string-array>

</resources>
```

 MainActivity.java:

```java
import android.app.Activity;
import android.os.Bundle;
```

```java
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemSelectedListener;
import android.widget.ImageView;
import android.widget.Spinner;

public class MainActivity extends Activity {

    Spinner sp1;
    ImageView iv1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        sp1 = (Spinner) findViewById(R.id.spinner1);
        iv1 = (ImageView) findViewById(R.id.imageView1);
        sp1.setOnItemSelectedListener(new OnItemSelectedListener() {

            @Override
            public void onItemSelected(AdapterView<?> arg0, View arg1,
                    int arg2, long arg3) {
                        if(arg2==0)
                        {
                            iv1.setImageResource(R.drawable.img1);
                        }
                        else if(arg2==1)
                        {
                iv1.setImageResource(R.drawable.img2);
                }
                else
                {
                iv1.setImageResource(R.drawable.img3);
                }
                    }

            @Override
            public void onNothingSelected(AdapterView<?> arg0) {
```

```java
                    // TODO Auto-generated method stub

            }

        });

            }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();
        if (id == R.id.action_settings) {
                return true;
        }
        return super.onOptionsItemSelected(item);
    }
}
```