

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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="com.example.admin.myapplication.MainActivity">

    <TextView android:text = "Login" android:layout_width="wrap_content"
        android:layout_height = "wrap_content"
        android:id = "@+id/textview"
        android:textSize = "35dp"
        android:layout_alignParentTop = "true"
        android:layout_centerHorizontal = "true"
        tools:layout_constraintTop_creator="1"
        tools:layout_constraintRight_creator="1"
        app:layout_constraintRight_toRightOf="parent"
        android:layout_marginTop="16dp"
        tools:layout_constraintLeft_creator="1"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:layout_width = "wrap_content"
        android:layout_height = "wrap_content"
        android:id = "@+id/editText"
        android:hint = "Enter Name"
        android:focusable = "true"
        android:textColorHighlight = "#ff7eff15"
        android:textColorHint = "#ffff25e6"
        android:layout_alignParentLeft = "true"
        android:layout_alignParentStart = "true"
        android:layout_alignParentRight = "true"
        android:layout_alignParentEnd = "true"
        tools:layout_constraintBottom_creator="1"
        app:layout_constraintBottom_toTopOf="@+id/editText2"
        android:layout_marginStart="16dp"
        tools:layout_constraintLeft_creator="1"
        android:layout_marginBottom="21dp"
        app:layout_constraintLeft_toLeftOf="parent" />

    <EditText
        android:layout_width="0dp"
        android:layout_height="52dp"
        android:inputType="textPassword"
        android:ems="10"
        android:id="@+id/editText2"
        android:layout_below="@+id/editText"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignRight="@+id/editText"
        android:layout_alignEnd="@+id/editText"
        android:textColorHint="#ffff299f"
        android:hint="Password"
        app:layout_constraintRight_toLeftOf="@+id/textview"
        tools:layout_constraintTop_creator="1"

```

```
tools:layout_constraintRight_creator="1"
android:layout_marginTop="172dp"
tools:layout_constraintLeft_creator="1"
app:layout_constraintLeft_toLeftOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="157dp"
android:layout_height="55dp"
android:layout_alignBottom="@+id/textView2"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignTop="@+id/textView2"
android:layout_marginBottom="36dp"
android:layout_marginEnd="73dp"
android:layout_toEndOf="@+id/textview"
android:layout_toRightOf="@+id/textview"
android:text="Enter correct credentials"
android:textSize="25dp"
app:layout_constraintBottom_toTopOf="@+id/editText2"
app:layout_constraintRight_toRightOf="parent"
tools:layout_constraintBottom_creator="1"
tools:layout_constraintRight_creator="1"
android:layout_marginRight="16dp" />
```

<Button

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="login"
android:id="@+id/button"
android:layout_alignParentBottom="true"
android:layout_toLeftOf="@+id/textview"
android:layout_toStartOf="@+id/textview"
app:layout_constraintRight_toLeftOf="@+id/button2"
tools:layout_constraintTop_creator="1"
tools:layout_constraintRight_creator="1"
tools:layout_constraintBottom_creator="1"
app:layout_constraintBottom_toBottomOf="parent"
android:layout_marginEnd="40dp"
android:layout_marginTop="156dp"
app:layout_constraintTop_toBottomOf="@+id/editText"
android:layout_marginBottom="156dp"
android:layout_marginRight="43dp"
app:layout_constraintVertical_bias="0.0" />
```

<Button

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Cancel"
android:id="@+id/button2"
android:layout_alignParentBottom="true"
android:layout_toRightOf="@+id/textview"
android:layout_toEndOf="@+id/textview"
tools:layout_constraintRight_creator="1"
android:layout_marginEnd="81dp"
app:layout_constraintRight_toRightOf="parent"
```

```
app:layout_constraintBaseline_toBaselineOf="@+id/button"  
tools:layout_constraintBaseline_creator="1" />
```

```
</android.support.constraint.ConstraintLayout>
```

```

package com.example.admin.myapplication;

import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    Button b1,b2;
    EditText ed1,ed2;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        //Getting instance of EditText and Button from the activity_main.xml
file
        b1 = (Button)findViewById(R.id.button);
        ed1 = (EditText)findViewById(R.id.editText);
        ed2 = (EditText)findViewById(R.id.editText2);
        b2 = (Button)findViewById(R.id.button2);

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if(ed1.getText().toString().equals("admin") &&
                    ed2.getText().toString().equals("admin")) {
                    Toast.makeText(getApplicationContext(),
                        "Redirecting...",Toast.LENGTH_SHORT).show();
                }else{
                    Toast.makeText(getApplicationContext(), "Wrong
Credentials",Toast.LENGTH_SHORT).show();
                }
            }
        });
        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                finish();
            }
        });
    }
}

```

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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="com.example.admin.myapplication.MainActivity">

    <Spinner
        android:id="@+id/spinner"
        android:layout_width="149dp"
        android:layout_height="40dp"
        android:layout_marginBottom="8dp"
        android:layout_marginEnd="8dp"
        android:layout_marginStart="8dp"
        android:layout_marginTop="8dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.502"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.498" />

</android.support.constraint.ConstraintLayout>
```

```

package com.example.admin.myapplication;

import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
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 = { "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
    }
}

```