Solucion de Evaluacion Hito2

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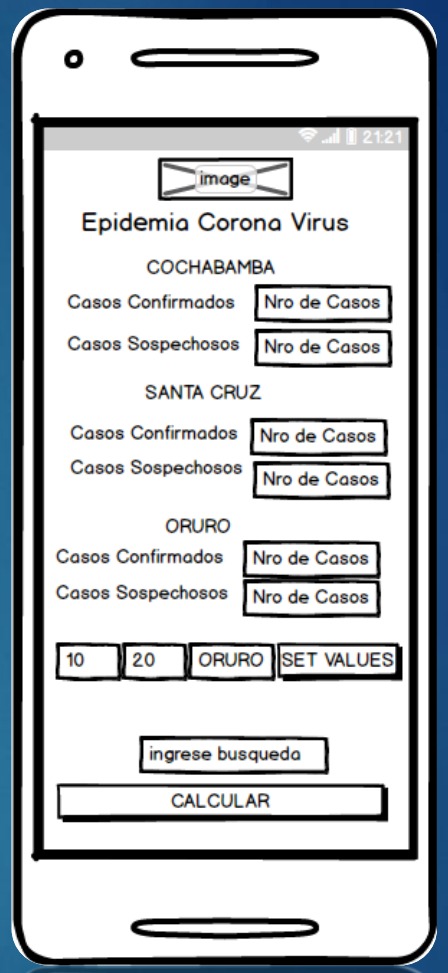
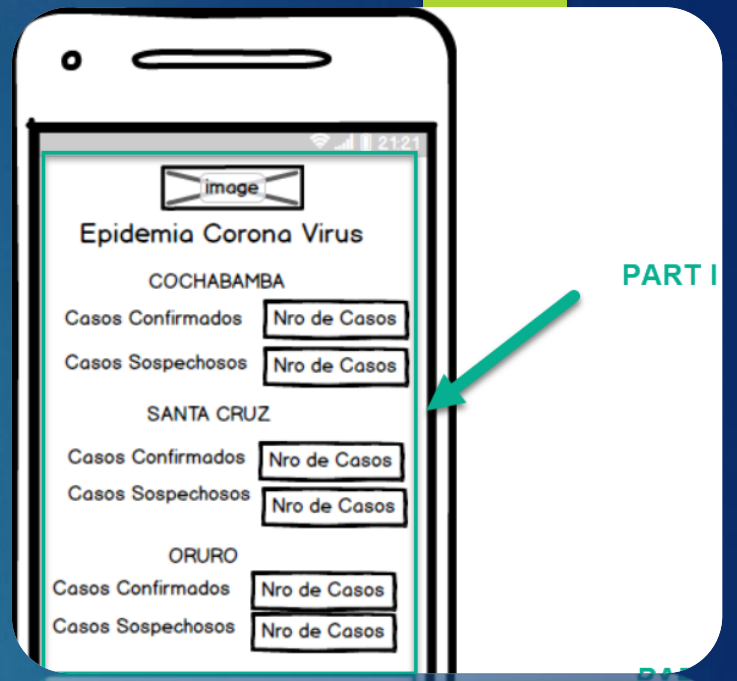
Semestre: 5to.



SISTEMAS MOVILES

Pregunta 1: Diseñar e implementar la aplicación. (.java - .xml) PARTE I

```
<resources>
<string name = "app_name"> Hito2CORONAVIRUS </string>
<string name = "nametitulo"> Epidemia Corona Virus> </string>
<string name = "nameciudad1"> Cochabamaba </string>
<string name = " nameciudad2 "> Santa Cruz </string>
<string name =" nameciudad3 "> Oruro </string>
<string name =" casosconfi "> Casos Confirmados </string>
<string name =" casossospecho "> Casos Sospechos </string>
<string name = "n100"> 10 </string>
<string name = "nrcasos"> Nro de Casos </string>
<string name = "n20"> 20 </string>
<string name = "bnt1"> SET VALUE. </string>
<string name = "confi"> Confirmados </string>
<string name = "cALC"> calcular </string>

</resources>

<? xml version = "1.0" encoding = "utf-8"?>
<LinearLayout xmlns: android = "http://schemas.android.com/apk/res/android"
xmlns: app = "http: // esquemas .android.com / apk / res-auto "
xmlns: tools =" http://schemas.android.com/tools "
android: layout_width =" match_parent "
android: layout_height =" match_parent "
herramientas: context =". MainActivity "
android: orientación = "vertical"
android: background = "@ drawable / fondo"
>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "vertical"
android: padding = "3dp">

<ImageView
android: layout_width = "100dp"
android: layout_height = "100dp"
android: src = "@ drawable / corona">

</ImageView>

<TextView
android: id = "@ + id / te1"
android: layout_width = "wrap_content "
android: layout_height =" wrap_content "
android: layout_marginBottom =" 0dp "
android: textColor =" @ color / colorPrimaryDark "
android: text =" @ string / nametitulo "
android: textSize =" 20sp "
android: textStyle =" bold "/ >

</LinearLayout>

<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "0dp">

<TextView
android: id = "@ + id / te2"
android: layout_width = "wrap_content"
android : layout_height = "wrap_content"
android: layout_marginBottom = "0dp"
android: textColor = "@ color / colorPrimaryDark"
android: text = "@ string / nameciudad1"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "negrita" />
</LinearLayout>

<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "0dp">


<TextView
android: id = "@ + id / te3"
android : layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android: text = "@ string / casosconfi"
android: gravity = "centro"
android: textSize = "20sp"
android: textStyle = "negrita"
android: layout_marginRight = "14dp"
/>
<EditText
android: id = "@ + id / txt1"
android: layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent "
android: hint =" @ string / nrcasos "/>
</LinearLayout>
```



CODIGO

Pregunta 1: Diseñar e implementar la aplicación. (.java - .xml) PARTE I

```
<LinearLayout
android: layout_width =" match_parent "
android: layout_height =" wrap_content "
android: gravity =" center "
android: orientación =" horizontal "
android: padding = "3dp">
<TextView
android: id = "@ + id / te4"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android : text = "@ string / casossospecho"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginRight = "14dp"
/>
<EditText
android: id = "@ + id / txt2 "
android:layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent"
android: hint = "@ string / nrcasos" />
</LinearLayout>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_conight"
android : gravedad = "centro"
android: orientación = "horizontal"
android: padding = "3dp">

<TextView
android: id = "@ + id / tesa"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android:layout_marginBottom = "1dp"
android: textColor = "@ color / colorPrimaryDark"
android: text = "@ string / nameciudad2"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold" />
</LinearLayout>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "0dp">
```

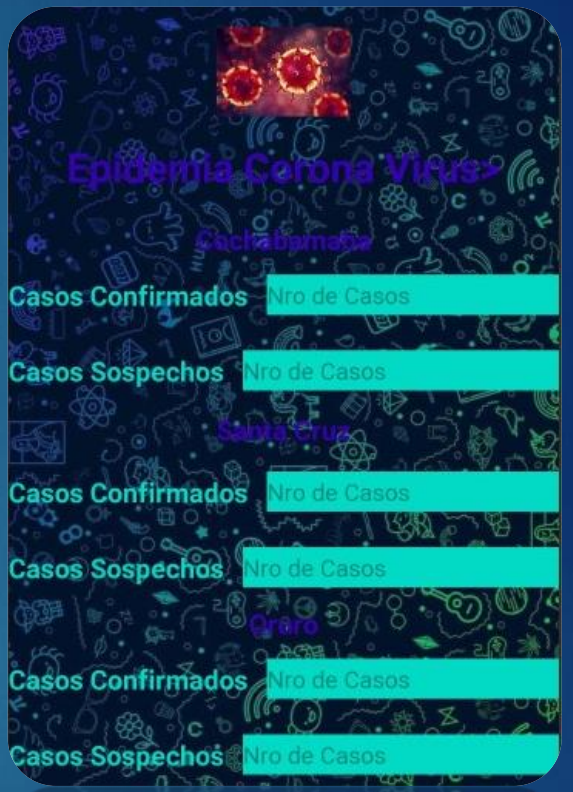
```
<TextView
android: id = "@ + id / te"
android: layout_width = "wrap_content"
android: layout_height = " resumir contenido"
android: layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android: text = "@ string / casosconfi"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginRight = "14dp"
/>
<EditText
android : id = "@ + id / txt3"
android: layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent"
android: pista = "@ string / nrcasos "/>
</ LinearLayout>

<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "0dp">


<TextView
android: id = "@ + id / tse"
android: layout_width = "wrap_content"
android : layout_height = "wrap_content"
android: layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android: text = "@ string / casossospecho"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginRight = "14dp"
/>
```

CODIGO

Pregunta 1: Diseñar e implementar la aplicación. (.java - .xml) PARTE I

```
<EditText
android: id = "@ + id / txt4"
android: layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent"
android: hint = "@ string / nrcasos" />
</LinearLayout>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "3dp">


<TextView
android: id = "@ + id / tesoa"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: layout_marginBottom = "0dp"
android: textColor = "@ color / colorPrimaryDark"
android: text = "@ string / nameciudad3"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold" />
</LinearLayout>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "0dp">


<TextView
android: id = "@ + id / tseso"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android : text = "@ string / casosconfi"
android: gravity = "center"

android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginRight = "14dp"
/>
<EditText
android: id = "@ + id / txt5 "
android:layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent"
android: hint = "@ string / nrcasos" />
</LinearLayout>
<LinearLayout
android: layout_width = "match_parent"
android: layout_height = "wrap_conight"
android : gravedad = "centro"
android: orientación = "horizontal"
android: padding = "0dp">


<TextView
android: id = "@ + id / tses"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android:layout_marginBottom = "15dp"
android: textColor = "@ color / colorAccent"
android: layout_marginTop = "15dp"
android: text = "@ string / casossospecho"
android: gravity = "center"
android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginRight = "14dp"
/>
<EditText
android : id = "@ + id / txt6"
android: layout_width = "match_parent"
android: layout_height = "30dp"

android: layout_marginTop = "0dp"
android: background = "@ color / colorAccent"
android: pista = "@ string / nrcasos "/>
</ LinearLayout>
```

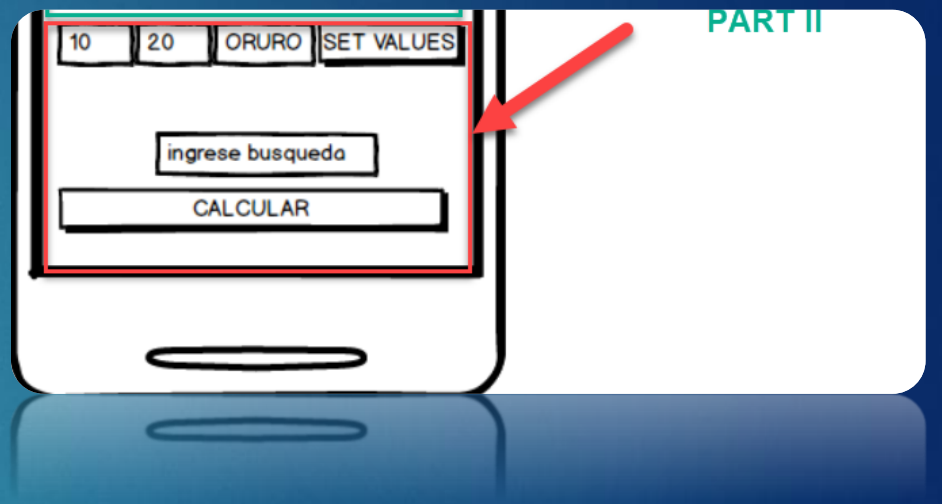
RESULTADO

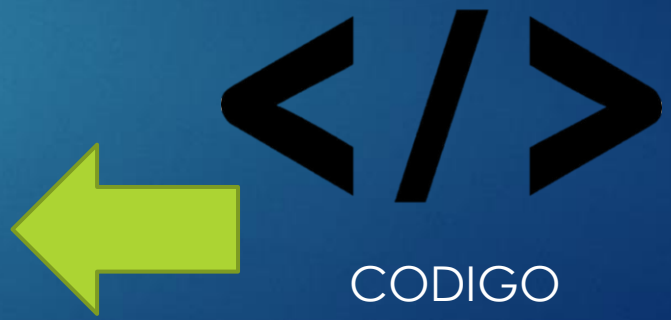


En este ejercicio nuestro codigo es explicitamente para la parte de diseño

Pregunta 2Diseñar e implementar la aplicación. (.java - .xml) PARTE II

```
<LinearLayout
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: gravity = "center"
android: orientación = "horizontal"
android: padding = "3dp">

<EditText
android: id = "@ + id / txt7 "
android: layout_width =" 75dp "
android: layout_height =" 40dp "
android: layout_marginTop =" 0dp "
android: background =" @ color / colorPrimaryDark "
android: hint =" @ string / n100 "
android: layout_marginRight =" 15dp "

/ >
<EditText
android: id = "@ + id / txt8"
android: layout_width = "75dp"
android: layout_height = "40dp"
android: layout_marginTop = "0dp"
android: background = "@ color / colorPrimaryDark"
android: hint = "@ string / n20"
android: layout_marginRight = "15dp"

/>
<EditText
android: id = "@ + id / txt9"
android: layout_width = "100dp"
android: layout_height = "40dp"
android: layout_marginTop = "0dp"
android: background = "@ color / colorPrimaryDark"
android: sugerencia = "@ string / nameciudad3 "
android: layout_marginRight = "15dp"

/>

<Botón
android: id = "@ + id / btnset"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: text = "@ string / bnt1"

/>
</LinearLayout>
<LinearLayout
android: layout_width = " wrap_content "
android: layout_height =" wrap_content "
android: orientación =" horizontal "
android: layout_gravity =" center "

>
<EditText
android: id =" @ + id / txt10 "
android: layout_width =" 160dp "
android:layout_height = "40dp"
android: layout_marginTop = "0dp"
android: background = "@ color / colorPrimaryDark"
android: hint = "@ string / in"
android: layout_marginRight = "15dp"

/>

</LinearLayout>
<LinearLayout
android: layout_width = "wrap_content"
android: layout_height = "wrap_conight"
android : orientación = "horizontal"
android: layout_gravity = "center"
>
<Botón

android: layout_width = "220dp"
android: layout_height = "wrap_content"
android: id = "@ + id / btncalcu"

android: layout_marginTop = "0dp "
android: textSize =" 25sp "
android: hint = "@ string / cALC"
android: layout_marginRight = "15dp"
>
</Button>
</LinearLayout>
```

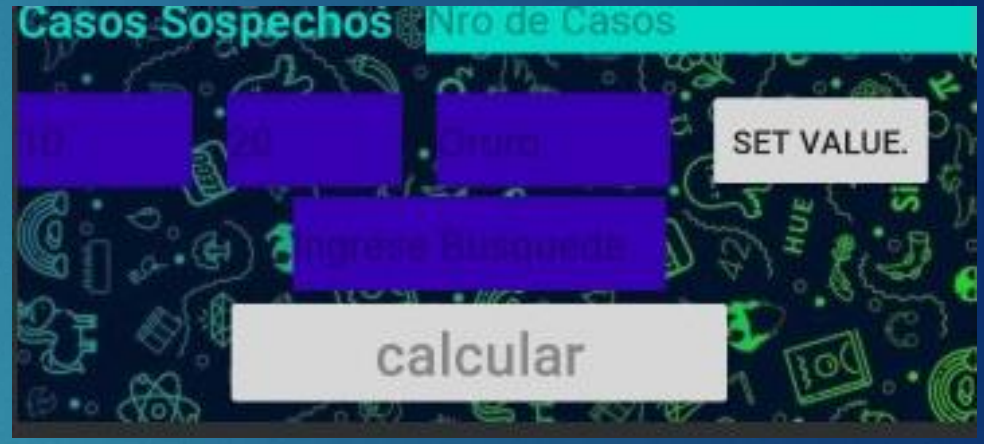




Pregunta 2:Diseñar e implementar la aplicación. (.java - .xml) PARTE II

- <resources>
  <string name = "app_name"> Hito2CORONAVIRUS </string>
  <string name = "nametitulo"> Epidemia Corona Virus> </string>
  <string name = "nameciudad1"> Cochabamaba </string>
  <string name = "nameciudad2"> Santa Cruz </string>
  <string name = "nameciudad3"> Oruro </string>
  <string name = "casosconfi"> Casos Confirmados </string>
  <string name = "casossospecho"> Casos Sospechos </ string>
  <string name = "n100"> 10 </string>
  <string name = "nrcasos"> Nro de Casos </string>
  <string name = "n20"> 20 </string>
  <string name = "bnt1"> SET VALUE. </string>
  <string name = "in"> Ingrese Busqueda </string>
  <string name = "cALC"> calcular </string>

RESULTADO

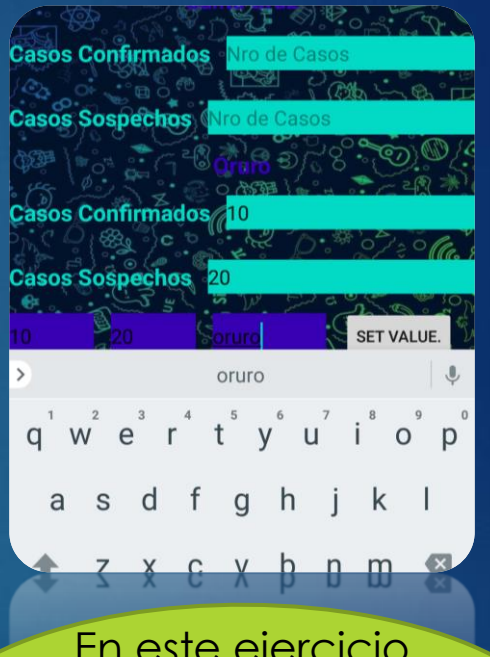


En este 2do ejercicio nuestro codigo es para el diseño de la parte 2, and sus nombres en la clase STRING

Pregunta 3:Implementar la funcionalidad de Seteo de valores a las ciudades (Contagiados y sospechosos).

```
public void set ()
{
try {
s1 = t7.getText (). toString ();
s2 = t8.getText (). toString ();
s3 = t9.getText (). toString ();
if (s1.equals (""))
{
Toast.makeText (getApplication (), "INGRESE VALORES", Toast.LENGTH_LONG) .show ();
}
else if (s2.equals (""))
{
Toast.makeText (getApplication (), "INGRESE VALORES",

Toast.LENGTH_LONG) .show ();
}
else if (s1.equals ("") && s2.equals (""))
{
Toast.makeText (getApplication (), "
}
else
{
if (s3.equals ("cochabamba"))
{
t1.setText (s1);
t2.setText (s2);
}
else if (s3.equals ("Cochabamba"))
{
t1.setText (s1);
t2.setText (s2);
}
else if (s3.equals ("COCHABAMBA"))
{
t1.setText (s1);
t2.setText (s2);
}
else if (s3.equals ("santa cruz"))
{
t3.setText (s1);
t4.setText (s2);}
else if (s3.equals ("Santa cruz"))
{t3.setText (s1);
t4.setText (s2);}
else if (s3.equals ("SANTA CRUZ"))
{
t3.setText (s1);
t4.setText (s2);}
else if (s3.equals ("oruro"))
{t5.setText (s1);
t6.setText (s2);}
else if (s3.equals ("Oruro"))
{
t5.setText (s1);
t6.setText (s2);
}
else if (s3.equals ("ORURO"))
{
t5.setText (s1);
t6.setText (s2);
}
else
{
Toast.makeText (getApplication (), "INGRESE VALOR",
 Toast.LENGTH_LONG) .show ();
}}}
catch (NumberFormatException e)
{
Toast.makeText (getApplication (), "INGRESE VALOR",
Toast.LENGTH_LONG) .show ();
}
}
```

RESULTADO

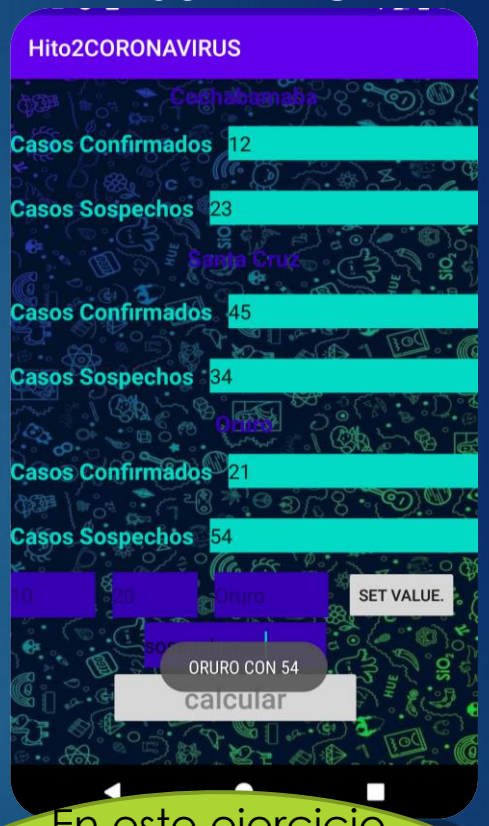


En este ejercicio nuestro codigo es de logica anviar valores a otro editext(SET)

Pregunta 4Implementar la funcionalidad del cálculo de casos contagiados y sospechosos por ciudad.

```
public void calcular ()
{try {
c1 = t1.getText (). toString ();
c2 = t2.getText (). toString ();
c3 = t3.getText (). toString ();
c4 = t4.getText (). toString ();
c5 = t5.getText (). toString ();
c6 = t6.getText (). toString ();
s4 = t10.getText (). toString ();
if (s4.equals ("confirmados"))
{
if (Integer.parseInt (c1)> Integer.parseInt (c3) && Integer.parseInt

 (c1)> Integer.parseInt (c5))
{Toast.makeText (getApplication () , "COCHABAMBA CON" + c1

, Toast.LENGTH_LONG) .show ();
}
de lo contrario, si (Integer.parseInt (c3)> Integer.parseInt (c1) &&

 Integer.parseInt (c3)> Integer.parseInt (c5))
{
Toast.makeText (getApplication (), "SANTA CRUZ CON" + c3,

 Toast. LENGTH_LONG) .show ();
}
else if (Integer.parseInt (c5)> Integer.parseInt (c1) &&

Integer.parseInt (c5)> Integer.parseInt (c3))
{
Toast.makeText (getApplication (), "ORURO CON" + c5,

 Toast. LENGTH_LONG) .show ();
}
else
{
Toast.makeText (getApplication (), "VALORES IGUALES",


}
Toast.LENGTH_LONG) .show ();
}}
más if (s4.
{
if (Integer.parseInt (c2)> Integer.parseInt (c4) && Integer.parseInt (c2)>
Integer.parseInt (c6))
{
Toast.makeText (getApplication (), "COCHABAMBA CON" + c2,
Toast.LENGTH_LONG ).show();
}
else if (Integer.parseInt (c4)> Integer.parseInt (c2) && Integer.parseInt
(c4)> Integer.parseInt (c6))
{
Toast.makeText (getApplication (), "SANTA CRUZ CON" + c4, Toast
.LENGTH_LONG) .show ();
}

else if (Integer.parseInt (c6)> Integer.parseInt (c2) && Integer.parseInt
(c6)> Integer.parseInt (c4))
{
Toast.makeText (getApplication (), "
}
else
{
Toast.makeText (getApplication (), "VALORES IGUALES",
Toast.LENGTH_LONG) .show ();
}
}
else {
Toast.makeText (getApplication (), "INGRESE VALOR", Toast.LENGTH_LONG)
.show ();
}
}
catch (NumberFormatException e)
{
Toast.makeText (getApplication (), "INGRESE VALOR", Toast.LENGTH_LONG)
.show ();
}
```

RESULTADO



En este ejercicio nuestro codigo es para la parte logica de comparer numeros.(El mayor de 3)