











11 Android UL The Diplort	ov
	he AlertDialog
Example: A simple of	dialog box
package cis493.selectio	onwidgets;
<pre>import android.app.Acti import android.app.Alex import android.content. import android.cos.Bundl import android.view.Vie import android.view.Vie import android.widget.E import android.widget.E public class AndDemoUII</pre>	<pre>ivity; :tDialog; .DialogInterface; le; aw; aw.OnClickListener; Button; EditText; l extends Activity {</pre>
Button btnGo; EditText txtMsg; String msg;	
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<pre>Example: A simple dialog box .setNeutralButton("Cancel",new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "CANCEL" goes here msg = "CANCEL " + Integer.toString(whichButton); txtMsg.setText(msg); }//OnClick })//setNeutralButton .setNegativeButton("NO", new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "NO" goes here msg = "NO" + Integer.toString(whichButton); txtMsg.setText(msg); })//setNegativeButton .create(); .return myQuittingDialogBox; }// createDialogBox }// class</pre>	The AlertDialog	
<pre>.setNeutralButton("Cancel", new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "CANCEL" goes here msg = "CANCEL " + Integer.toString(whichButton); txtMsg.setText(msg); }//OnClick })//setNeutralButton .setNegativeButton("NO", new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "NO" goes here msg = "SO" + Integer.toString(whichButton); txtMsg.setText(msg); //whatever should be done when answering "NO" goes here msg = "SO" + Integer.toString(whichButton); txtMsg.setText(msg); })//setNegativeButton .create(); .return myQuittingDialogBox; }// class }// class</pre>	Example: A simple dialog box	
<pre>.setNegativeButton("NO", new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "NO" goes here msg = "NO " + Integer.toString(whichButton); txtMsg.setText(msg); } })//setNegativeButton .create(); .return myQuittingDialogBox; }// createDialogBox }// class</pre>	<pre>.setNeutralButton("Cancel",new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) { //whatever should be done when answering "CANCEL" goes here msg = "CANCEL " + Integer.toString(whichButton); txtMsg.setText(msg); }//OnClick })//setNeutralButton</pre>	
<pre>.create(); .return myQuittingDialogBox; }// createDialogBox }// class</pre>	<pre>.setNegativeButton("NO", new DialogInterface.OnClickListener() { public void onClick(DialogInterface dialog, int whichButton) {</pre>	
<pre>}// createDialogBox }// class</pre>	.create(); . return myQuittingDialogBox;	
<pre>}// class</pre>	<pre>}// createDialogBox</pre>	
10	<pre>}// class</pre>	10

The AlertDialog	
Example: A simple AlertDialog box	
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Example: Ch	nanging the place	Coast Vie	EW st view.
-	1 🕶 1:22 PM	🌇 🚮 🕼 1:23 PM	🔛 🌆 🕼 1:23 PM
ToastDemo1 Testing Toast - Gravi 320x480 pix	ty.CENTER Saludos Hasta I els	amigos a vista Gravity.CENTER 320x480 pixels	Testing Toast - Gravity.CENTER 320x480 pixels
X offset: d	X offset	-160	X offset: 160
Y offset: 0	Y offset	-240	Y offset: 240
Saludos amigos Hasta la vista		Show Toast	Show Toast
			Saluidos amigos Hasta la vista
Using the setG	ravity() method	with Gravity.CENTER	R, and x and y offsets of (resp.):
0, 0	(center)		
-160, -240 160, 240	(top-left) (right-bottom)		19



The Toast View	
Example. Changing the placement of a loast view.	
<pre>package cis493.dialogboxes;</pre>	
import android.app.Activity;	
import android.os.Bundle;	
import android view View:	
<pre>import android.view.View.OnClickListener;</pre>	
<pre>import android.widget.Button;</pre>	
<pre>import android.widget.EditText;</pre>	
<pre>import android.widget.Toast;</pre>	
and the strength and proved and a state that the	
Public class ToastDemol extends Activity {	
EditText vBox;	
Button btn1;	
@Override	
<pre>public void onCreate(Bundle savedInstanceState) {</pre>	
<pre>super.onCreate(savedInstanceState);</pre>	
<pre>setContentView(R.layout.main2);</pre>	
<pre>xBox = (EditText)findViewById(R.id.xBox);</pre>	
<pre>vBox = (EditText)findViewById(R.id.vBox);</pre>	
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	11. Android - UI - The DialogBox The Toast View	
Examp	le: Showing Fancy Toast views.	
package	e cis493.dialogboxes;	
<pre>import import import import import import import import import</pre>	<pre>android.app.Activity; android.os.Bundle; android.view.Gravity; android.view.LayoutInflater; android.view.View; android.view.ViewGroup; android.view.ViewGroup; android.widget.Button; android.widget.TextView; android.widget.Toast; class ToastDemo2 extends Activity {</pre>	
@Ov puk	<pre>verride blic void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.main);</pre>	
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