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COURSE: CSE 3012

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1(a)

wrap-content

special value for height and width, the new is as big as its parent, neglecting on parents' padding

eg in layour.xme,

< Radio button

android : layout_widen="wrap contri android: layout_height = "wrap-content" 1>

match-parent

special value for height and width; the view is just large enough to fit its own internal content, taking its padding in account.

is ayout. Inc.

< Radiobutton

android: layout width = " match_parent" android: layout_height= "matten - parent"

(6)

SetText

Do ser the text to be displayed in the Text view either while declaring it in layout file (xml code line -

< Text View

androia: tex + = " hello "/>) or by setText() meurod.

To set the text programatically, the syntax >

text view set Text ("Hew wortd");

Set Toast

A boast is a message that desappears after a few seconds.

To create a toast message,

Putie statie Toast maktext (

get Application context (), String and Toast. Lengen-long). show();

```
Main Activity java
public class Main Activity extends App Compat Activity {
     Imageview imageview = new Imageview (this);
    @ over ride
    protected void on Create (Bundle saved Instance Stat) of
         super. oncreau (caved Instance state);
         set Contint view (R. layout : activity main);
         layout = find view By Id ( Lia . Layout );
         layour. set OnTouch Listened new Onswipe Touch Listener (Main Activity. thei)
        1 @ override
                   public void onswipeleto () {
                        super.onswipelett ();
                        Toast . makiest (Main Activity .- this, "Left swipe, Toast.
                        LENGTH - SHORT ). Show (); }
           (00 verside
                   public void on swipe Right () f
                         super. on swipe Right();
                      (Image view) v. tind view By Id ( Ria . ling-play);
                      my mage view. settmage Resource (R. drawebe. ic-play);
```

(2)

3);

(3)

```
android: layout_width = "match_parent";
android: layout_height = "match_parent"
android: orientation: "verticae";
android: background: "@color/green";

Linear Layout. >>
android: id "@ +id/one";
android: layout_height = "20dp";
android: layout_width = "urap-content";
```

android: background: "@color/green";

and mid: 'id: " (0+ id / two";

and mid: layout-height="20 dp";

and mid: layout-width = "wrap content";

and mid: background = " (200 lor) green";

< EditText

and mid: id = " (0+ id / editText luered";

and mid: layout-width = "2 + 4 dp";

and mid: layout-height: wrap-content";

and mid: text = "lisered";

and mid: layout = "lisered";

and mid: layout = "text liser";

and mid: layout = "text liser";

and mid: layout = "text liser";

2 Linear Layout

android: id = " @ id / three "

androis: layout-height="20dp"

and round: layout - width = " wrap - content";

android: background = "@color/green" >

< EditText

android: id = " (a+ id leditText Password";

androia :-text= "password";

android: inputType = best Password"/>

Llinear Layout

android: id = "@ id/four";

androia: layout_neight="20dy"

android: layout-width = "wrap-content";

android: background = "@ color/green"

< Button

android: 1d = "@+id | Button";

androis: layout-width = nwrap-content";

android: layout neight = "wrap-content?

anamid: tut="logIN" />

2/Linear layout >

// Uricanayour

```
( b1 = +ve , b2 = -ve)
Main Activity . Java
Button be, be; Intresut; traitText n1, n2;
 @overnide
 protected void oncreate (bundle savidlastana state) {
  المقلمة في المعلمة
   61 = finaview By Id (R. id. button 1)
  b1. Set Onclick listener (new. View. onclick Les tener 1) }
     @overrice
         Public roid onclick (View v) {
          result = Integer . parseInt (n1. gettext (), to string ())+ Integer. parse Int
               (nz.getText ().tostring ());
              Allet Dialog. Builder builder= new Allet Dialog. Builder (Main Activity
     agrenice
         près builder. cet message (Vesult, set Cancelable (fau e). set pointire Button
           result, nu Dialog Interface. Onclience itener 1) ( of finish 1); 3
 b2. Set Onclickistener (new. View. Oncliek Listener () f
       a Overide
            Public void on Click ( view v) 5
                  firish (); . set Negative Birtion' ("Close", now Dialog Interpace
                 .On clientietener () {@Override
                                      dialoginturace.cancell);
     A list Dialog alert Dialog = builder. create();
   Alert Dialog. Settitle (."My positive negative dialog");
    alert Dialog show()
 3 37%
```

```
8
```

```
Main Activity . java
public class MainActivity extends AppCompatActivity {
     chickbox tea, coffee, juice;
      Priate Radio group rg, Radio Button rgd & button b;
     Button 61
     (a) O verride
     protected void on Create (bundle saved Instance Storts) f
           Super. On create (saved Instance State);
           Set Content View (R. layout. layout)
          radio group - (Radiogroup) find viewsyld (R. id. radiogroup) add listeneron sutton click (),
      }
      public void add histoneron sutton crica () }
           ten = (Checkbox) fiddViewByld (R. id. CheckBox);
           coffee = (checkbox) find View By Id (R. id. CheckBox 2);
           fuice = ( Checkbox) find view Byld ( R. id . check box 3 );
           64 = ( Button) find view Bytd (R. id. button)
           61. Setoncliek listener (new view. Oncliek lietener () of
              public voia onclice (view view)
                  COLOCAMOCOCO COLOCACIAN
                stringbuilder result = new string builder ();
                if I tea. is crecked ()) [
                         result. append ( " Tea");
                if coffee. is checked ()) {
                          result. append (" coffee");
                et (juice. whecked (1) |
                            result append (" Time");
                  3
                 Foast. make Text (get Application Concert (), result to string ())
```

(5)

```
(7)
```

```
public void oncliabellonMethod(view v) {
          int centred 1d = radio group, get the cros Padio Button 1d ();
           gender radio Button = ( Radio witon find View eyed (securald);
          . It (selected = = = -1) f
                    Poart. make Text (Main Activity this "N'A", Toast; LENGTH SHORD
            }
                                                                     · 1 how ();
           euc f
                To ast. make Text (Main Activity - Liv. color radiobution. get Text)
                                                           17004: LENGTHL ! HOD OR
              }
                                                                           · show()
   3
3.
      DRINK?
      [] TEX
      □ COFFEE
       D JUICE
       COLOR?
```

DRED OBULE OGREEN