**Android Usages**

**Button**

findViewById(R.id.button).setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

//...Stuff.. can do many things as below..

});

}

**Multiple Buttons**

findViewById(R.id.***button1***).setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Toast.*makeText*(MainActivity.**this**, **"Toast Text"**, Toast.***LENGTH\_SHORT***).show();

}

});

findViewById(R.id.***button2***).setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Toast.*makeText*(MainActivity.**this**, ”Another Toast”, Toast.***LENGTH\_SHORT***).show();

}

});

**Toast**

Toast.*makeText*(MainActivity.this, "The Text to show", Toast.*LENGTH\_SHORT*).show();

**Intents**

* **Start Another Activity Screen**

findViewById(R.id.button).setOnClickListener(new View.OnClickListener() {  
@Override  
 public void onClick(View v) {  
 Intent twoActivity = new Intent(MainActivity.this, TwoActivity.class);  
 startActivity(twoActivity);  
 }

});

This uses A button (id:button) in MainActivity, requires A second .java activity (TwoActivity.java).

Needs two layout.xmls’, and two Activity.javas’.

* **Call “TextField” Phone Number**

final EditText editText1 = (EditText) findViewById(R.id.editText1);

Button button1 = (Button) findViewById(R.id.button1);

button1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String phone = editText1.getText().toString();

Intent intent = new Intent (Intent.ACTION\_CALL,Uri.parse("tel:phone"));

* **Call Number “Text Fields Number 2”**

EditText usrNum = (EditText) findViewById(R.id.*numField*);

String num = usrNum.getText().toString();

Uri data = Uri.*parse*("tel:" + num);

Intent call = new Intent(Intent.*ACTION\_CALL*, data);

if (ActivityCompat.*checkSelfPermission*(MainActivity.this,

Manifest.permission.*CALL\_PHONE*) != PackageManager.*PERMISSION\_GRANTED*) {

return;

}

startActivity(call);

* **Open “Fields” WebPage:**

EditText usrUrl = (EditText) findViewById(R.id.***urlField***);

String url = usrUrl.getText().toString();

Intent webPage = **new** Intent(Intent.***ACTION\_VIEW***,Uri.*parse*(url));

startActivity(webPage);

* **SEND "FIELDs" MESSAGE:**

String message = editText1.getText().toString();

Intent intent = new Intent (Intent.ACTION\_VIEW);

intent.setType("vnd.android-dir/mms-sms");

intent.putExtra("sms\_body", message);

* **LAUNCH OTHER APPS:**

Intent launchApp = getPackageManager().getLaunchIntentForPackage("com.package.address");