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# 1. Common function

## 1.1 Button Click Event by onClick function:

(1) Add android:onClick="btn1ClickEvent" at activity xml, which means btn1ClickEvent(View) is the click event.

(2) public void btn1ClickEvent(View target){} at .java file

## 1.2 Button Click Event by click listener at onCreate()

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Button btn=(Button)findViewById(R.id.button2);//find button by id(defined at activity\_main.xml)

btn.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

TextView txt=(TextView)findViewById(R.id.textView);//find output label by id

txt.setText("Hello world! click by button 2");

}

});

}

## 1.3 Set text for control

TextView txt=(TextView)findViewById(R.id.textView);//find output label by id

txt.setText("Hello world! click by button 2");

## 1.4 Set color by RGB value

android:background="#3366ff"

## 1.5 Set color by code

TextView txt=(TextView)findViewById(R.id.textView);//find output label by id

txt.setTextColor(Color.RED);

## 1.6 Change layout

setContentView(R.layout.activity\_two);

Change layout to activity\_two.xml

## 1.7 Change activity by Intent

Intent intnt = new Intent(MainActivity.this, TwoActivity.class);

startActivity(intnt);

Change activity from current activity(MainActivity) to another(TwoActivity) by intent.

## 1.8 Call default file browser/Select file

public void selectFile()

{

Intent intent = new Intent();

intent.setType("\*/\*");//select any type of file

intent.setAction(Intent.ACTION\_GET\_CONTENT);

startActivityForResult(Intent.createChooser(intent, "Choose File"), 1);

}

@Override

protected void onActivityResult(int requestCode, int resultCode, Intent data)

{

if(resultCode==RESULT\_CANCELED)

{

// action cancelled

}

if(resultCode==RESULT\_OK)

{

String selectedFile = data.getData().getPath();

}

}