**TextView**

**XML:-**

<RelativeLayout >

<TextView

android:id="@+id/text\_view\_id"

android:layout\_height="wrap\_content"

android:layout\_width="wrap\_content"

android:text= “Hello”>

</LinearLayout>

**EditText**

**XML:-**

<RelativeLayout >

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/et"

/>

</RelativeLayout>

**Button**

**XML:-**

<RelativeLayout >

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/bt"

android:text= “Click”

android:onClick= “btclick”

/>

</RelativeLayout>

**JAVA:-**

Public class MainActivity{

Button btn;

Protected void onCreate(){  
btn = findViewById(R.id.bt);

}

Public void btclick(view v){

Toast(“this, Button clicked”);

}

}

**Rating Bar**

**XML:-**

<RelativeLayout >

<RatingBar

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal = “true”

android:id = “@+id/rb”

android:stepSize = “0.25”

android:numStars = “5”

android:rating= “4.5”

/>

<Button

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/bt"

android:text= “Click”

android:onClick= “btclick”

android:layout\_below = “@+id/rb”

android:layout\_centerHorizontal = “true”

/>

</RelativeLayout>

**JAVA:-**

Public class MainActivity{

RatingBar rtb;

Protected void onCreate(){  
btn = findViewById(R.id.bt);

Rtb = findViewById(R.id.rb);

}

Public void btclick(view v){

Float ratingvalue = ratingBar.getRating();

Toast(“this, Rating is: ”+ ratingvalue);

}

}

**Switch**

**XML:-**

<RelativeLayout >

<Switch

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/sw"

android:onClick= “switchclick”

android:layout\_centerHorizontal = “true”

/>

</RelativeLayout>

**JAVA:-**

Public class MainActivity{

Switch sth;

Protected void onCreate(){  
sth = findViewById(R.id.sw);

}

Public void switchclick(view v){

if(sth.isChecked()){  
Toast(this, Switch On);

}

else{

Toast(this, Switch On);

}

}

}

**ToggleButton**

**XML:-**

<RelativeLayout >

<ToggleButton

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/tb"

android:onClick= “tbclick”

android:layout\_centerHorizontal = “true”

/>

</RelativeLayout>

**JAVA:-**

Public class MainActivity{

ToggleButton tgb;

Protected void onCreate(){  
tgb = findViewById(R.id.tb);

}

Public void tbclick(view v){

if(tb.isChecked()){  
Toast(this, Toggle On);

}

else{

Toast(this, Toggle Off);

}

}

}

**ImageView**

**XML:-**

<RelativeLayout >

<ImageView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/iv"

android:src = “@drawable/ic\_launcher”

android:onClick = “iclick”

/>

</RelativeLayout>

**JAVA:-**

Public class MainActivity{

ImageView img;

Protected void onCreate(){  
img = findViewById(R.id.iv);

}

Public void tbclick(view v){

Toast(this, “Image was clicked”)

}

}