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| <?xml version="1.0" encoding="utf-8"?>  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:orientation="vertical"  android:padding="16dp">  <EditText  android:id="@+id/editText11"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Enter first number"  android:inputType="number" />  <EditText  android:id="@+id/editText22"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Enter second number"  android:inputType="number" />  <Button  android:id="@+id/addButtonn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Add" />  <Button  android:id="@+id/button1"  android:layout\_width="282dp"  android:layout\_height="wrap\_content"  android:text="sub" />  <EditText  android:id="@+id/editText33"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:ems="10"  android:focusable="false"  android:hint="Result" >  <requestFocus />  </EditText>  </LinearLayout>  package com.example.calculator;  import android.app.Activity;  import android.os.Bundle;  import android.text.TextUtils;  import android.view.View;  import android.widget.Button;  import android.widget.EditText;  import android.widget.Toast; | | public class MainActivity extends Activity {  private EditText editText1, editText2, editText3;  private Button addButton, subbutton;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  // Initialize UI components  editText1 = (EditText) findViewById(R.id.editText11);  editText2 = (EditText) findViewById(R.id.editText22);  editText3 = (EditText) findViewById(R.id.editText33);  addButton = (Button) findViewById(R.id.addButtonn);  subbutton = (Button) findViewById(R.id.button1);  // Set the button's onClickListener  addButton.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  calculateSum();  } });  subbutton.setOnClickListener(new View.OnClickListener(){  @Override  public void onClick(View v){  calculateSub();  } });  }  private void calculateSum() {  // Get the input values as strings  String input1 = editText1.getText().toString();  String input2 = editText2.getText().toString();  // Parse the inputs to integers  int number1 = Integer.parseInt(input1);  int number2 = Integer.parseInt(input2);  // Calculate the sum  int sum = number1 + number2;  // Display the result in editText3  editText3.setText(String.valueOf(sum));  }  private void calculateSub() {  // Get the input values as strings  String input1 = editText1.getText().toString();  String input2 = editText2.getText().toString();  // Parse the inputs to integers  int number1 = Integer.parseInt(input1);  int number2 = Integer.parseInt(input2);  // Calculate the sum  int sum = number1 - number2;  // Display the result in editText3  editText3.setText(String.valueOf(sum));  } } |
| <?xml version="1.0" encoding="utf-8"?>  <LinearLayout  xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:orientation="vertical"  android:padding="16dp">  <EditText  android:id="@+id/costPrice"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Enter Cost Price"  android:inputType="numberDecimal" />  <EditText  android:id="@+id/sellingPrice"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Enter Selling Price"  android:inputType="numberDecimal" />  <Button  android:id="@+id/btnProfit"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Calculate Profit" />  <Button  android:id="@+id/btnLoss"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Calculate Loss" />  <TextView  android:id="@+id/result"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Result:"  android:textSize="16sp"  android:paddingTop="10dp" />  </LinearLayout>  package com.example.businesscalculator;  import android.annotation.SuppressLint;  import android.app.Activity;  import android.os.Bundle;  import android.view.View;  import android.widget.Button;  import android.widget.EditText;  import android.widget.TextView;  public class MainActivity extends Activity {  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  ?xml version="1.0" encoding="utf-8"?>  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="fill\_parent"  android:layout\_height="fill\_parent"  android:orientation="vertical" >  <Button  android:id="@+id/bounceBallButton"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_centerHorizontal="true"  android:text="Bounce Ball" />  <ImageView  android:id="@+id/bounceBallImage"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/bounceBallButton"  android:layout\_centerHorizontal="true"  android:background="@drawable/ball\_shape" />  </RelativeLayout>  <?xml version="1.0" encoding="utf-8"?>  <shape xmlns:android="http://schemas.android.com/apk/res/android"  android:shape="oval" >  <solid android:color="#8c0000" />  <stroke  android:width="2dp"  android:color="#fff" />  <size  android:height="80dp"  android:width="80dp" />  </shape>  package com.example.bounc;  import android.app.Activity;  import android.os.Bundle;  import android.util.Log;  import android.view.View;  import android.view.View.OnClickListener;  import android.view.animation.Animation;  import android.view.animation.BounceInterpolator;  import android.view.animation.TranslateAnimation;  import android.view.animation.Animation.AnimationListener;  import android.widget.Button;  import android.widget.ImageView; | | // Initialize UI components  final EditText costPrice = (EditText) findViewById(R.id.costPrice);  final EditText sellingPrice = (EditText) findViewById(R.id.sellingPrice);  final TextView result = (TextView) findViewById(R.id.result);  Button btnProfit = (Button) findViewById(R.id.btnProfit);  Button btnLoss = (Button) findViewById(R.id.btnLoss);  // Handle Calculate Profit Button  btnProfit.setOnClickListener(new View.OnClickListener() {  @SuppressLint("NewApi") @Override  public void onClick(View v) {  String cpText = costPrice.getText().toString().trim();  String spText = sellingPrice.getText().toString().trim();  try {  double cp = Double.parseDouble(cpText);  double sp = Double.parseDouble(spText);  if (sp > cp) {  result.setText("Profit: " + (sp - cp));  } else {  result.setText("No Profit.");  }  } catch (NumberFormatException e) {  result.setText("Invalid input. Please enter numeric values.");  } } });  // Handle Calculate Loss Button  btnLoss.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String cpText = costPrice.getText().toString().trim();  String spText = sellingPrice.getText().toString().trim();  try {  double cp = Double.parseDouble(cpText);  double sp = Double.parseDouble(spText);  if (cp > sp) {  result.setText("Loss: " + (cp - sp));  } else {  result.setText("No Loss.");  }  } catch (NumberFormatException e) {  result.setText("Invalid input. Please enter numeric values.");  } } });  } }  public class MainActivity extends Activity {  private static final String TAG = "AnimationStarter";  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  Button bounceBallButton = (Button) findViewById(R.id.bounceBallButton);  final ImageView bounceBallImage = (ImageView) findViewById(R.id.bounceBallImage);  bounceBallButton.setOnClickListener(new OnClickListener() {  @Override  public void onClick(View v) {  bounceBallImage.clearAnimation();  TranslateAnimation transAnim = new TranslateAnimation(0, 0, 0,  getDisplayHeight()/2);  transAnim.setStartOffset(500);  transAnim.setDuration(3000);  transAnim.setFillAfter(true);  transAnim.setInterpolator(new BounceInterpolator());  transAnim.setAnimationListener(new AnimationListener() {  @Override  public void onAnimationStart(Animation animation) {  Log.i(TAG, "Starting button dropdown animation"); }  @Override  public void onAnimationRepeat(Animation animation) {  // TODO Auto-generated method stub }  @Override  public void onAnimationEnd(Animation animation) {  Log.i(TAG,  "Ending button dropdown animation. Clearing animation and setting layout");  bounceBallImage.clearAnimation();  final int left = bounceBallImage.getLeft();  final int top = bounceBallImage.getTop();  final int right = bounceBallImage.getRight();  final int bottom = bounceBallImage.getBottom();  bounceBallImage.layout(left, top, right, bottom);  }  });  bounceBallImage.startAnimation(transAnim);  } }); }  private int getDisplayHeight() {  return this.getResources().getDisplayMetrics().heightPixels; } } |
| <?xml version="1.0" encoding="utf-8"?>  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:padding="16dp"  android:id="@+id/relativelayout1">  <Button  android:id="@+id/button1"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentLeft="true"  android:layout\_alignParentTop="true"  android:layout\_marginLeft="94dp"  android:layout\_marginTop="87dp"  android:text="@string/cool"  android:onClick="OnClick"/>  <Button  android:id="@+id/button2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignRight="@+id/button1"  android:layout\_centerVertical="true"  android:text="Button" />  </RelativeLayout>  <?xml version="1.0" encoding="utf-8"?>  <resources>  <string name="app\_name">backgroundcolorapp</string>  <string name="action\_settings">Settings</string>  <string name="hello\_world">Hello world!</string>  <string name="cool">cool</string>  <color name="cool">#188FcF</color>  </resources> | package com.example.backgroundcolorapp;  import android.app.Activity;  import android.graphics.Color;  import android.os.Bundle;  import android.view.View;  import android.view.View.OnClickListener;  import android.webkit.WebView.FindListener;  import android.widget.RelativeLayout;  import android.widget.Button;  import java.util.Random;  public class MainActivity extends Activity {  RelativeLayout r1;  Button b1;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  r1=(RelativeLayout)findViewById(R.id.relativelayout1);  b1=(Button)findViewById(R.id.button1);  b1.setOnClickListener(new OnClickListener()  {  @Override  public void onClick(View arg0){  r1.setBackgroundResource(R.color.cool);  }  });  }  } | |