package com.example.endorsement;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
  
public class Calculator extends AppCompatActivity {  
  
 Button button0 , button1 , button2 , button3 , button4 , button5 , button6 ,  
 button7 , button8 , button9 , buttonAdd , buttonSub , buttonDivision ,  
 buttonMul , button10 , buttonC , buttonEqual ;  
  
 EditText edt1 ;  
  
 float mValueOne , mValueTwo ;  
  
 boolean mAddition , mSubtract ,mMultiplication ,mDivision ;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_calculator*);  
  
 button0 = (Button) findViewById(R.id.*button0*);  
 button1 = (Button) findViewById(R.id.*button1*);  
 button2 = (Button) findViewById(R.id.*button2*);  
 button3 = (Button) findViewById(R.id.*button3*);  
 button4 = (Button) findViewById(R.id.*button4*);  
 button5 = (Button) findViewById(R.id.*button5*);  
 button6 = (Button) findViewById(R.id.*button6*);  
 button7 = (Button) findViewById(R.id.*button7*);  
 button8 = (Button) findViewById(R.id.*button8*);  
 button9 = (Button) findViewById(R.id.*button9*);  
 button10 = (Button) findViewById(R.id.*button10*);  
 buttonAdd = (Button) findViewById(R.id.*buttonadd*);  
 buttonSub = (Button) findViewById(R.id.*buttonsub*);  
 buttonMul = (Button) findViewById(R.id.*buttonmul*);  
 buttonDivision = (Button) findViewById(R.id.*buttondiv*);  
 buttonC = (Button) findViewById(R.id.*buttonC*);  
 buttonEqual = (Button) findViewById(R.id.*buttoneql*);  
 edt1 = (EditText) findViewById(R.id.*edt1*);  
  
  
 button1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"1");  
 }  
 });  
  
 button2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"2");  
 }  
 });  
  
 button3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"3");  
 }  
 });  
  
 button4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"4");  
 }  
 });  
  
 button5.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"5");  
 }  
 });  
  
 button6.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"6");  
 }  
 });  
  
 button7.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"7");  
 }  
 });  
  
 button8.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"8");  
 }  
 });  
  
 button9.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"9");  
 }  
 });  
  
 button0.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+"0");  
 }  
 });  
  
 buttonAdd.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 if (edt1 == null){  
 edt1.setText("");  
 }else {  
 mValueOne = Float.*parseFloat*(edt1.getText() + "");  
 mAddition = true;  
 edt1.setText(null);  
 }  
 }  
 });  
  
 buttonSub.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 mValueOne = Float.*parseFloat*(edt1.getText() + "");  
 mSubtract = true ;  
 edt1.setText(null);  
 }  
 });  
  
 buttonMul.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 mValueOne = Float.*parseFloat*(edt1.getText() + "");  
 mMultiplication = true ;  
 edt1.setText(null);  
 }  
 });  
  
 buttonDivision.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 mValueOne = Float.*parseFloat*(edt1.getText()+"");  
 mDivision = true ;  
 edt1.setText(null);  
 }  
 });  
  
 buttonEqual.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 mValueTwo = Float.*parseFloat*(edt1.getText() + "");  
  
 if (mAddition == true){  
  
 edt1.setText(mValueOne + mValueTwo +"");  
 mAddition=false;  
 }  
  
  
 if (mSubtract == true){  
 edt1.setText(mValueOne - mValueTwo+"");  
 mSubtract=false;  
 }  
  
 if (mMultiplication == true){  
 edt1.setText(mValueOne \* mValueTwo+"");  
 mMultiplication=false;  
 }  
  
 if (mDivision == true){  
 edt1.setText(mValueOne / mValueTwo+"");  
 mDivision=false;  
 }  
 }  
 });  
  
 buttonC.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText("");  
 }  
 });  
  
 button10.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edt1.setText(edt1.getText()+".");  
 }  
 });  
 }  
  
  
  
}