```java
package com.example.calci;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

    EditText t1;
    Button b1,b2,b3,b4,b5,b6,b7,b8,b9,b0,bAdd,bSub,bMul,bDiv,bDot,bEql,bAc;
    boolean add,sub,mul,div;
    double n1,n2;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        t1=(EditText) findViewById(R.id.t1);
        b1=(Button) findViewById(R.id.b1);
        b2=(Button) findViewById(R.id.b2);
        b3=(Button) findViewById(R.id.b3);
        b4=(Button) findViewById(R.id.b4);
        b5=(Button) findViewById(R.id.b5);
        b6=(Button) findViewById(R.id.b6);
        b7=(Button) findViewById(R.id.b7);
        b8=(Button) findViewById(R.id.b8);
        b9=(Button) findViewById(R.id.b9);
        b0=(Button) findViewById(R.id.b0);
        bAdd=(Button) findViewById(R.id.bAdd);
        bSub=(Button) findViewById(R.id.bSub);
        bMul=(Button) findViewById(R.id.bMul);
        bDiv=(Button) findViewById(R.id.bDiv);
        bDot=(Button) findViewById(R.id.bDot);
        bEql=(Button) findViewById(R.id.bEql);
        bAc=(Button) findViewById(R.id.bAc);

        t1.setText("");

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"1");
            }
        });

        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"2");
            }
        });

        b3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"3");
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            }
        });

        b4.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"4");
            }
        });

        b5.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"5");
            }
        });

        b6.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"6");
            }
        });

        b7.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"");
            }
        });

        b8.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"8");
            }
        });

        b9.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"9");
            }
        });

        b0.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText(t1.getText()+"0");
            }
        });

        bDot.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
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                t1.setText(t1.getText()+".");
            }
        });

        bAdd.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                n1 =Double.parseDouble(t1.getText().toString()+"");
                add=true;
                t1.setText(null);
            }
        });

        bSub.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                n1 =Double.parseDouble(t1.getText().toString()+"");
                sub=true;
                t1.setText(null);
            }
        });

        bMul.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                n1 =Double.parseDouble(t1.getText().toString()+"");
                mul=true;
                t1.setText(null);
            }
        });

        bDiv.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                n1 =Double.parseDouble(t1.getText().toString()+"");
                div=true;
                t1.setText(null);
            }
        });

        bAc.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                t1.setText("");
            }
        });
        bEql.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                n2 =Double.parseDouble(t1.getText().toString()+"");

                if(add==true)
                {
                    t1.setText(n1+n2 +"");
                    add=false;
                }
                if(sub==true)
                {
                    t1.setText(n1-n2 +"");
                    sub=false;
                }
                if(mul==true)
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        {
            t1.setText(n1*n2 +"");
            mul=false;
        }
        if(div==true)
        {
            t1.setText(n1/n2 +"");
            div=false;
        }


    }
});


}
}
```