



```
1 package com.multiply.easycalculator;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
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6
7
8
9
10
11
12
13
14 public class MainActivity extends AppCompatActivity implements View.OnClickListener {
15     TextView resulttv,solutiontv;
16     MaterialButton buttonC,buttonopenbracket,buttonclosebracket;
17     MaterialButton buttondivide,buttonmultiply,buttonplus,buttonminus,buttonequals;
18     MaterialButton button0,button1,button2,button3,button4,button5,button6,button7,button8,button9;
19     MaterialButton buttonAC,buttondot;
20
21
22     @Override
23     protected void onCreate(Bundle savedInstanceState) {
24         super.onCreate(savedInstanceState);
25         setContentView(R.layout.activity_main);
26         resulttv=findViewById(R.id.result_tv);
27         solutiontv=findViewById(R.id.solution_tv);
28         assignId(buttonC,R.id.button_c);
29         assignId(buttonopenbracket,R.id.button_open_bracket);
30         assignId(buttonclosebracket,R.id.button_close_bracket);
31         assignId(buttondivide,R.id.button_divide);
32         assignId(button7,R.id.button_7);
33         assignId(button8,R.id.button_8);
34         assignId(button9,R.id.button_9);
35         assignId(buttonmultiply,R.id.button_multiply);
36         assignId(buttonplus,R.id.button_plus);
37         assignId(buttonminus,R.id.button_minus);
38         assignId(buttonequals,R.id.button_equals);
39         assignId(button0,R.id.button_0);
40         assignId(button1,R.id.button_1);
41         assignId(button2,R.id.button_2);
42         assignId(button3,R.id.button_3);
43         assignId(button4,R.id.button_4);
44         assignId(button5,R.id.button_5);
45         assignId(button6,R.id.button_6);
46         assignId(buttondot,R.id.button_dot);
47         assignId(buttonAC,R.id.button_AC);
48     }
49 }
```

```
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MainActivity MainActivity.java MainActivity.java

36 assignId(button4,R.id.button_4);
37 assignId(button5,R.id.button_5);
38 assignId(button6,R.id.button_6);
39 assignId(buttonplus,R.id.button_plus);
40 assignId(button1,R.id.button_1);
41 assignId(button2,R.id.button_2);
42 assignId(button3,R.id.button_3);
43 assignId(buttonminus,R.id.button_minus);
44 assignId(buttonAC,R.id.button_AC);
45 assignId(button0,R.id.button_zero);
46 assignId(buttondot,R.id.button_dot);
47 assignId(buttonequals,R.id.button_equals);
48 }
20 usages 1 abhinava
49 void assignId(MaterialButton button,int id){
50     button=findViewById(id);
51     button.setOnClickListener(this);
52 }
53
54 abhinava
55 @Override
56 public void onClick(View view) {
57     MaterialButton button=(MaterialButton) view;
58     String buttontext=button.getText().toString();
59     String dataToCalculate=solutiontv.getText().toString();
60     if(buttontext.equals("AC")){
61         solutiontv.setText("");
62         resulttv.setText("");
63         return;
64     }
65     if(buttontext.equals("="))
66     {
67         solutiontv.setText(resulttv.getText());
68     }
69 }
```


