

```
1 <MyRoot>
2
3     calc_field: calc_field
4     orientation : 'vertical'
5     TextInput:
6         id:calc_field
7
8         size_hint:(1,0.4)
9         readonly: True
10        disabled: True
11        font_size: 64
12    GridLayout:
13        rows: 4
14        columns: 4
15        padding: 10
16        spacing: 10
17        height: 400
18        size_hint: (1, 0.4)
19        Button:
20            text: "1"
21            font_size: 26
22            on_press: root.calc_symbol('1')
23        Button:
24            text: "2"
25            font_size: 26
26            on_press: root.calc_symbol('2')
27        Button:
28            text: "3"
29            font_size: 26
30            on_press: root.calc_symbol('3')
31        Button:
32            text: "4"
33            font_size: 26
34            on_press: root.calc_symbol('4')
35        Button:
36            text: "5"
37            font_size: 26
38            on_press: root.calc_symbol('5')
39        Button:
40            text: "6"
41            font_size: 26
```

```
42         on_press: root.calc_symbol('6')
43     Button:
44         text: "7"
45         font_size: 26
46         on_press: root.calc_symbol('7')
47     Button:
48         text: "8"
49         font_size: 26
50         on_press: root.calc_symbol('8')
51     Button:
52         text: "9"
53         font_size: 26
54         on_press: root.calc_symbol('9')
55     Button:
56         text: "0"
57         font_size: 26
58         on_press: root.calc_symbol('0')
59     Button:
60         text: "+"
61         font_size: 26
62         on_press: root.calc_symbol('+')
63     Button:
64         text: "-"
65         font_size: 26
66         on_press: root.calc_symbol('-')
67     Button:
68         text: "*"
69         font_size: 26
70         on_press: root.calc_symbol('*')
71     Button:
72         text: "("
73         font_size: 26
74         on_press: root.calc_symbol('(')
75     Button:
76         text: ")"
77         font_size: 26
78         on_press: root.calc_symbol(')')
79     Button:
80         text: "/"
81         font_size: 26
82         on_press: root.calc_symbol('/')
```

```
83
84     BoxLayout:
85         orientation: 'horizontal'
86         padding: 7
87         spacing: 7
88         height: 100
89         size_hint: (1,0.25)
90         Button:
91             text: "."
92             font_size: 26
93             on_press: root.calc_symbol('.')
94         Button:
95             text: "c"
96             font_size: 26
97             on_press: root.clear()
98         Button:
99             text: "="
100             font_size: 26
101             on_press: root.get_result()
102
103
```