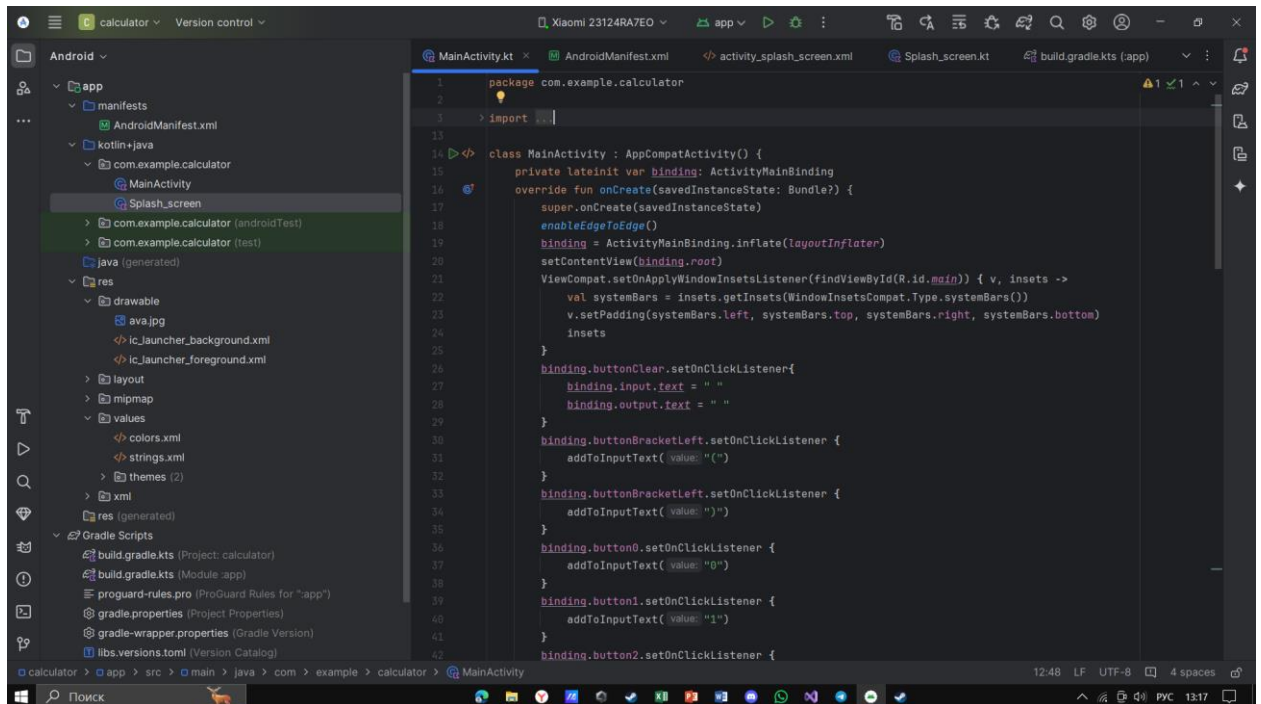
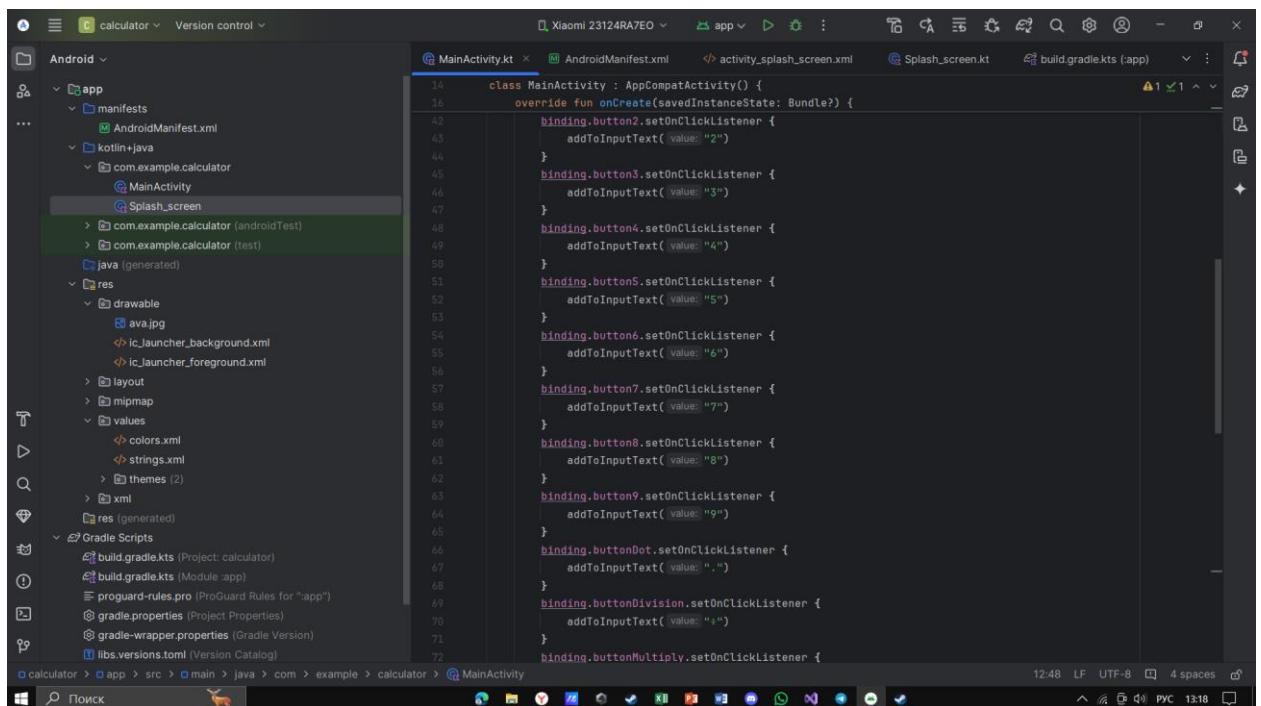


Кустов Артём.ИС222.



```
1 package com.example.calculator
2
3 import androidx.appcompat.app.AppCompatActivity
4 import androidx.appcompat.widget.Toolbar
5 import androidx.core.view.WindowCompat
6 import androidx.core.view.WindowInsetsCompat
7 import androidx.core.view.WindowInsetsController
8 import androidx.databinding.DataBindingUtil
9 import androidx.databinding.ViewDataBinding
10 import androidx.appcompat.app.AppCompatActivity
11 import androidx.appcompat.widget.Toolbar
12 import androidx.core.view.WindowCompat
13 import androidx.core.view.WindowInsetsCompat
14 import androidx.core.view.WindowInsetsController
15 import androidx.databinding.DataBindingUtil
16 import androidx.databinding.ViewDataBinding
17
18 class MainActivity : AppCompatActivity() {
19     private lateinit var binding: ActivityMainBinding
20
21     override fun onCreate(savedInstanceState: Bundle?) {
22         super.onCreate(savedInstanceState)
23         enableEdgeToEdge()
24         binding = ActivityMainBinding.inflate(layoutInflater)
25         setContentView(binding.root)
26         WindowCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
27             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
28             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
29             insets
30         }
31         binding.buttonClear.setOnClickListener {
32             binding.input.text = ""
33             binding.output.text = ""
34         }
35         binding.buttonBracketLeft.setOnClickListener {
36             addToInputText("(")
37         }
38         binding.buttonBracketRight.setOnClickListener {
39             addToInputText(")")
40         }
41         binding.button0.setOnClickListener {
42             addToInputText("0")
43         }
44         binding.button1.setOnClickListener {
45             addToInputText("1")
46         }
47         binding.button2.setOnClickListener {
48             addToInputText("2")
49         }
50         binding.button3.setOnClickListener {
51             addToInputText("3")
52         }
53         binding.button4.setOnClickListener {
54             addToInputText("4")
55         }
56         binding.button5.setOnClickListener {
57             addToInputText("5")
58         }
59         binding.button6.setOnClickListener {
60             addToInputText("6")
61         }
62         binding.button7.setOnClickListener {
63             addToInputText("7")
64         }
65         binding.button8.setOnClickListener {
66             addToInputText("8")
67         }
68         binding.button9.setOnClickListener {
69             addToInputText("9")
70         }
71         binding.buttonDot.setOnClickListener {
72             addToInputText(".")
73         }
74         binding.buttonDivision.setOnClickListener {
75             addToInputText("/")
76         }
77         binding.buttonMultiply.setOnClickListener {
78             addToInputText("*")
79         }
80         binding.buttonAdd.setOnClickListener {
81             addToInputText("+")
82         }
83         binding.buttonSubtract.setOnClickListener {
84             addToInputText("-")
85         }
86         binding.buttonEquals.setOnClickListener {
87             calculate()
88         }
89     }
90
91     private fun addToInputText(text: String) {
92         binding.input.text = binding.input.text.toString() + text
93     }
94
95     private fun calculate() {
96         // TODO: Implement the calculation logic
97     }
98 }
```



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