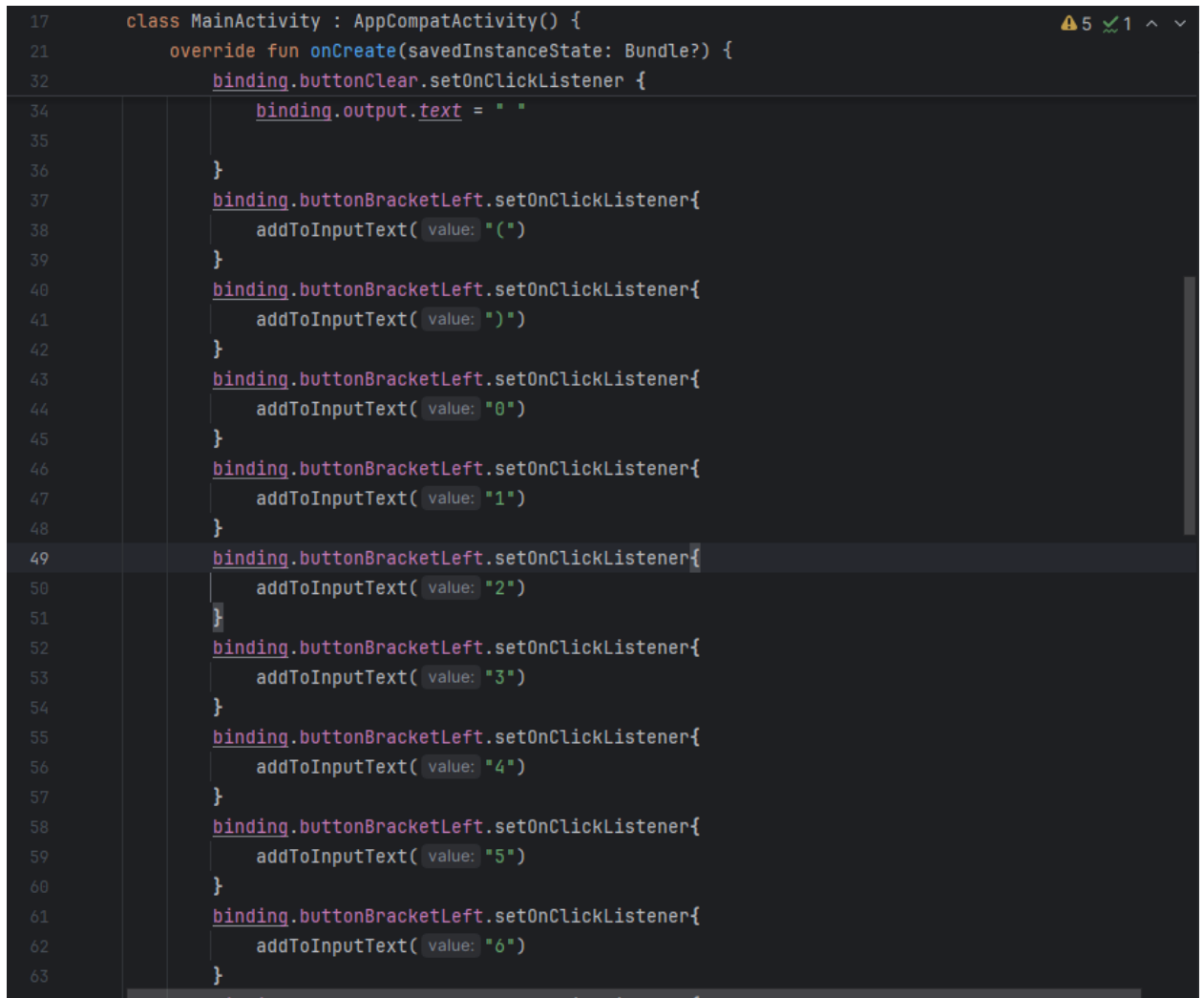
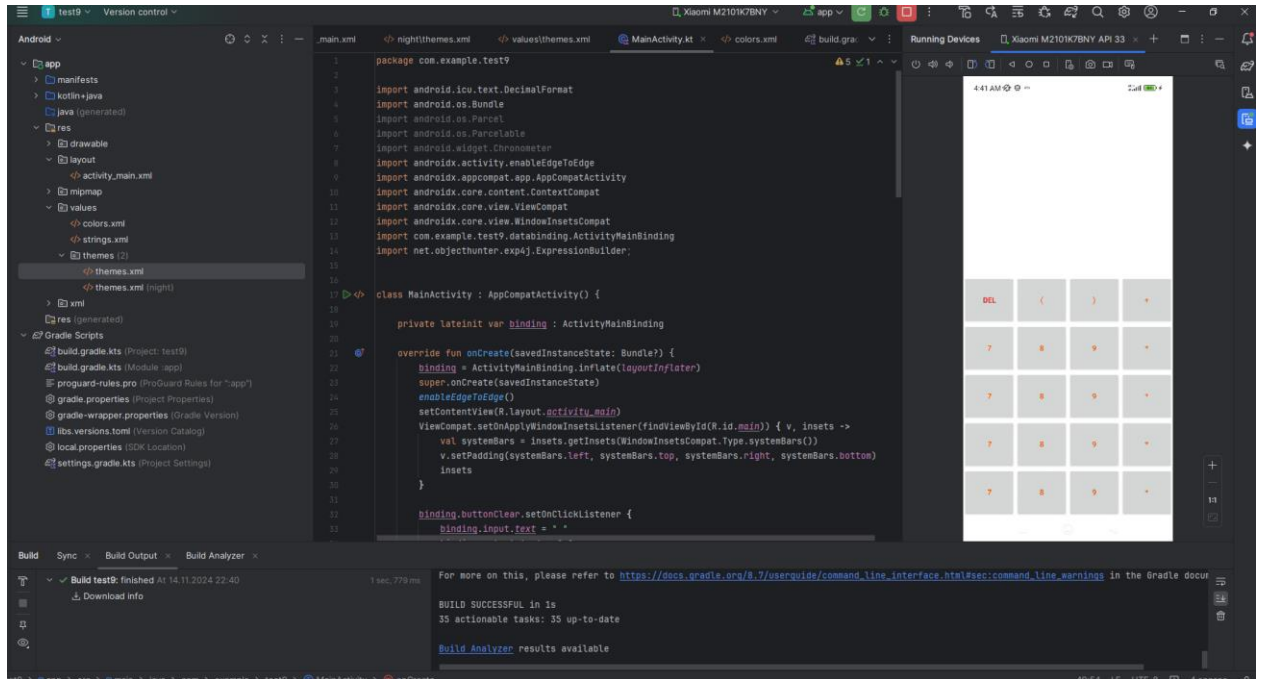
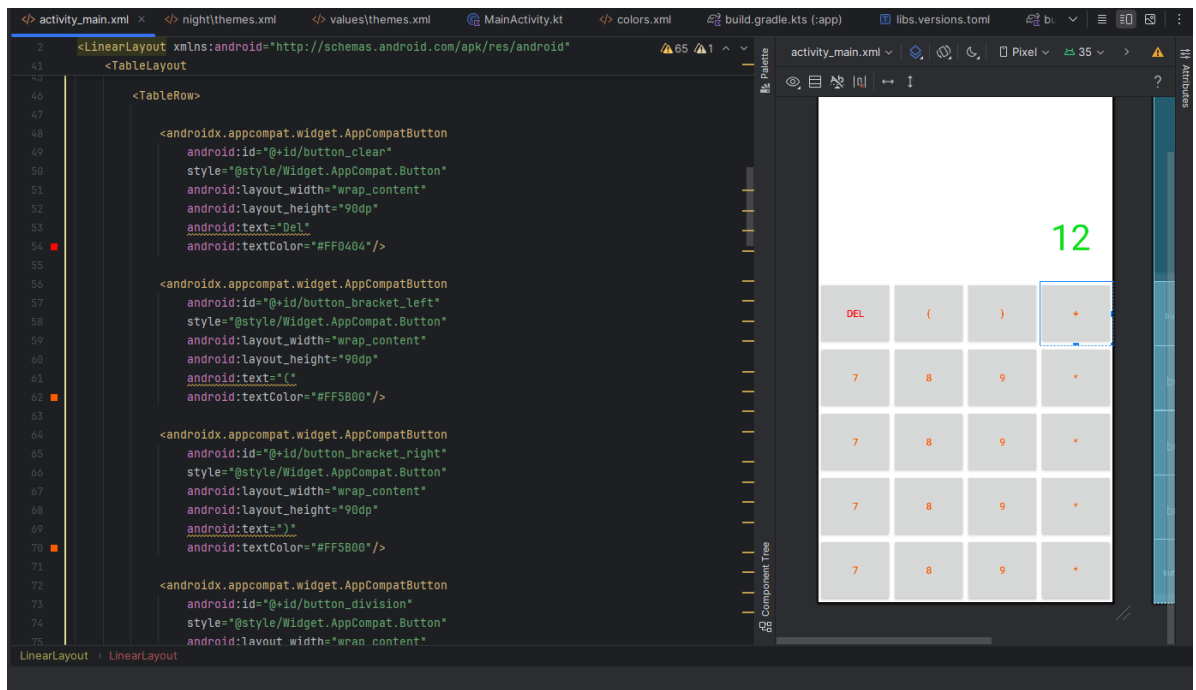
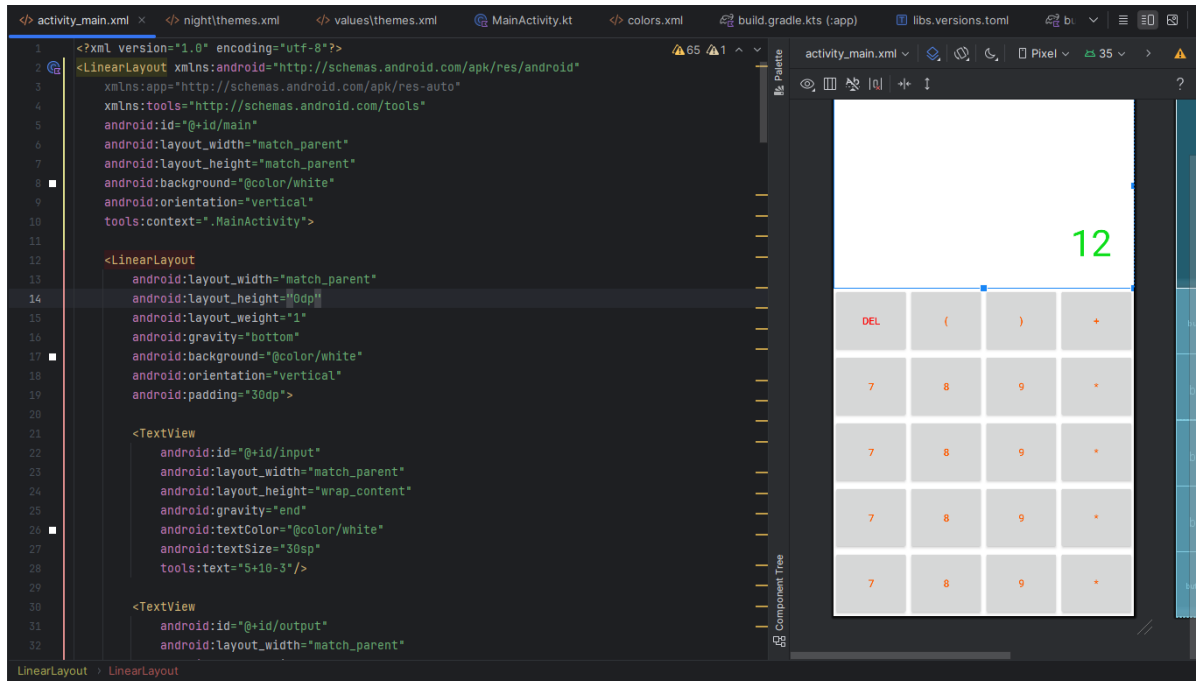


## Main класс и основная активность



```
17 class MainActivity : AppCompatActivity() {
21     override fun onCreate(savedInstanceState: Bundle?) {
90         }
91         binding.buttonBracketLeft.setOnClickListener{
92             addToInputText( value: "%")
93         }
94     }
95 }
96
97 private fun addToInputText(value: String){
98     binding.input.append(value)
99 }
100
101 private fun getInputExpression(): String {
102     return binding.input.text.toString()
103 }
104 }
105
106 private fun showResult(){
107     try {
108         val expression = getInputExpression().replace( oldValue: "%", newValue: "/100")
109         val result = ExpressionBuilder(expression).build().evaluate()
110         binding.output.text = DecimalFormat( pattern: "0.#####").format(result).toString();
111         binding.output.setTextColor(ContextCompat.getColor( context: this, R.color.green_neon))
112     } catch (e: Exception) {
113         binding.output.text = "Ошибка"
114         binding.output.setTextColor(ContextCompat.getColor( context: this, R.color.red))
115     }
116 }
117 }
```

## Основной xml файл



```
<? activity_main.xml x <? night\themes.xml <? values\themes.xml MainActivity.kt colors.xml build.gr
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
12 <LinearLayout
38
39 </LinearLayout>
40
41 <TableLayout
42     android:layout_width="match_parent"
43     android:layout_height="wrap_content"
44     android:stretchColumns="*">
45
46     <TableRow>
47
48 >         <androidx.appcompat.widget.AppCompatButton...>
55
56 >         <androidx.appcompat.widget.AppCompatButton...>
63
64 >         <androidx.appcompat.widget.AppCompatButton...>
71
72 >         <androidx.appcompat.widget.AppCompatButton...>
79
80     </TableRow>
81
82 >     <TableRow...>
117
118 >     <TableRow...>
153
154 >     <TableRow...>
189
190 >     <TableRow...>
225
226 </TableLayout>
227
```