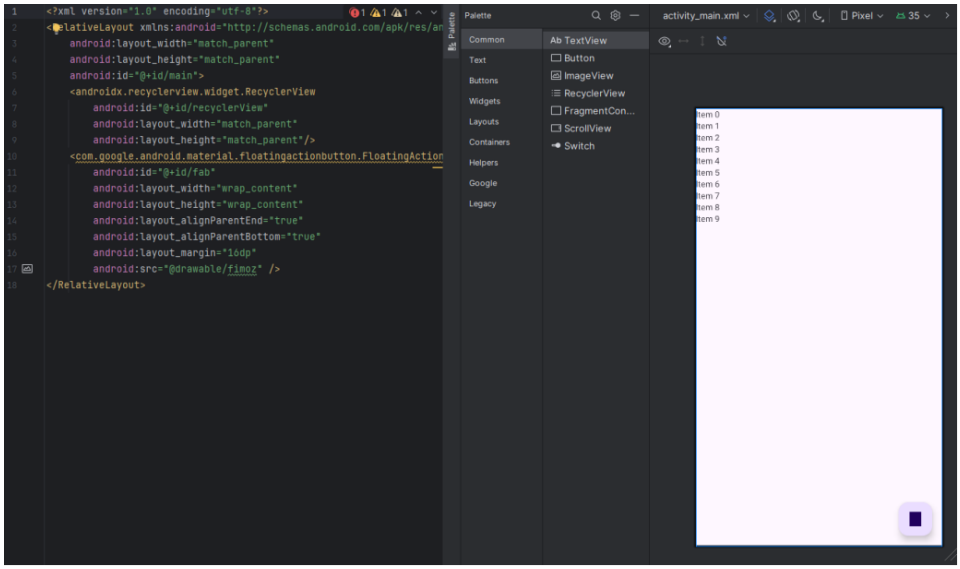
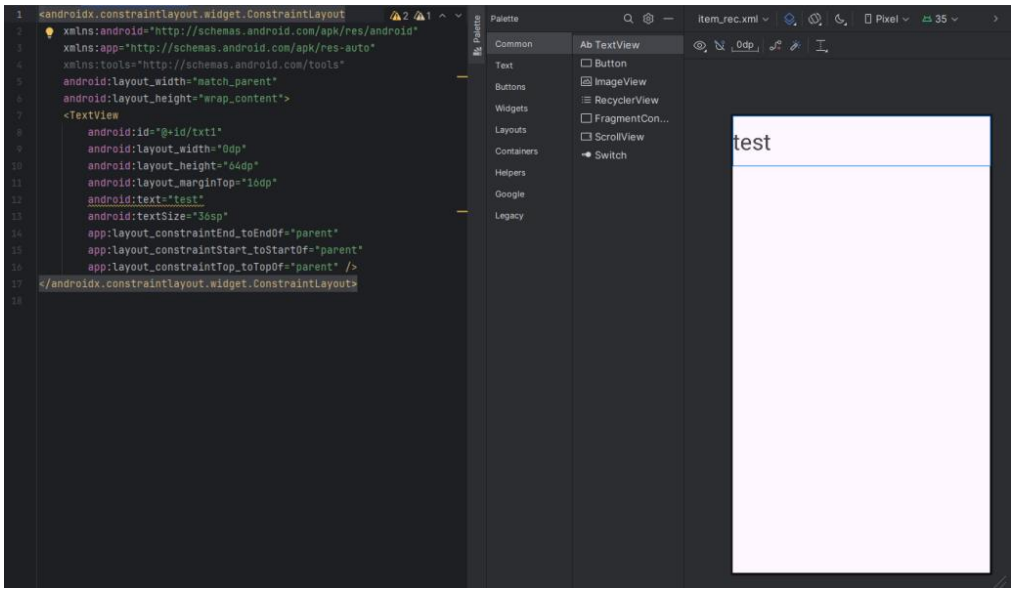
№14

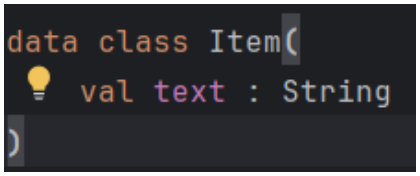
1. Гл.активность



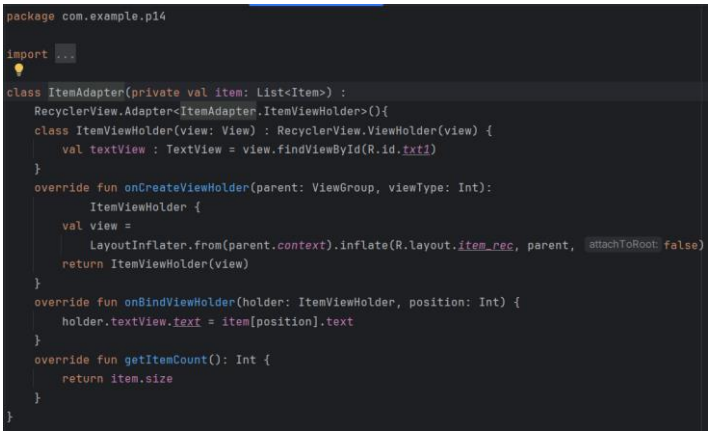
2. Шаблон



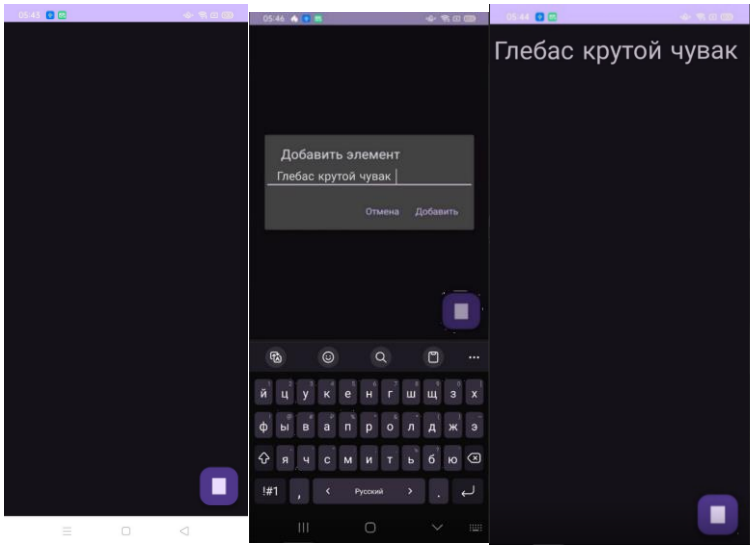
3. Дата класс



4. Адаптер



5. MainActivity

```kotlin
class MainActivity : AppCompatActivity() {

    private lateinit var recyclerView: RecyclerView
    private lateinit var fab: FloatingActionButton
    private val items: MutableList<Item> = mutableListOf()
    private lateinit var adapter: ItemAdapter

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
            val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
            insets
        }

        recyclerView = findViewById(R.id.recyclerView)
        fab = findViewById(R.id.fab)

        adapter = ItemAdapter(items)
        recyclerView.layoutManager = LinearLayoutManager( context: this)
        recyclerView.adapter = adapter

        fab.setOnClickListener {
            showInputDialog()
        }
    }

    private fun showInputDialog() {
        val builder = AlertDialog.Builder( context: this)
        builder.setTitle("Добавить элемент")

        val input = EditText( context: this)
        builder.setView(input)

        builder.setPositiveButton( text: "Добавить") { dialog, _ ->
            val text = input.text.toString()
            if (text.isNotEmpty()) {
                items.add(Item(text))
                adapter.notifyItemInserted( position: items.size - 1)
            }
            dialog.dismiss()
        }

        builder.setNegativeButton( text: "Отмена") { dialog, _ -> dialog.cancel() }
        builder.show()
    }
}
```

6. Результат