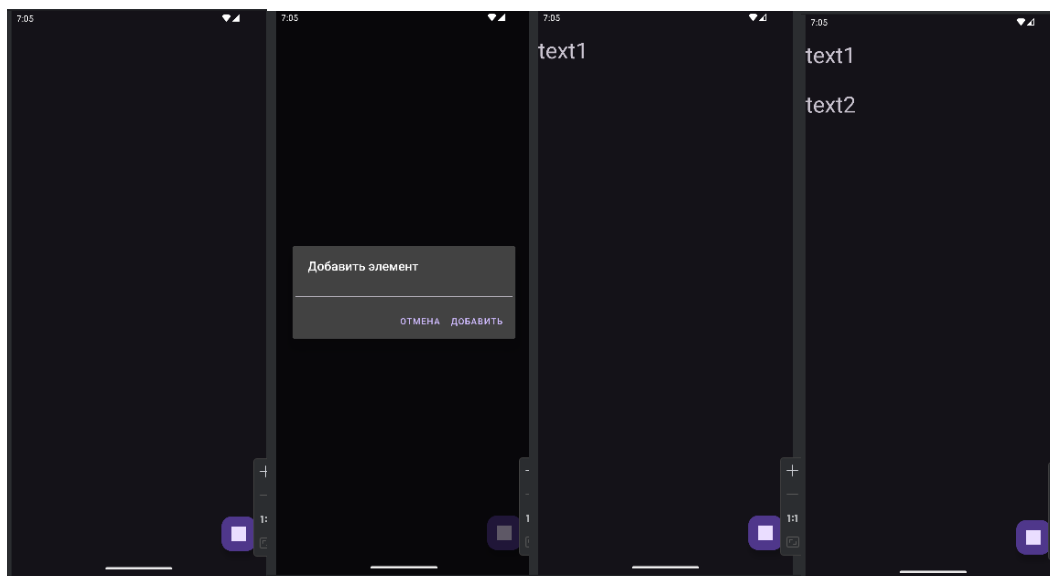


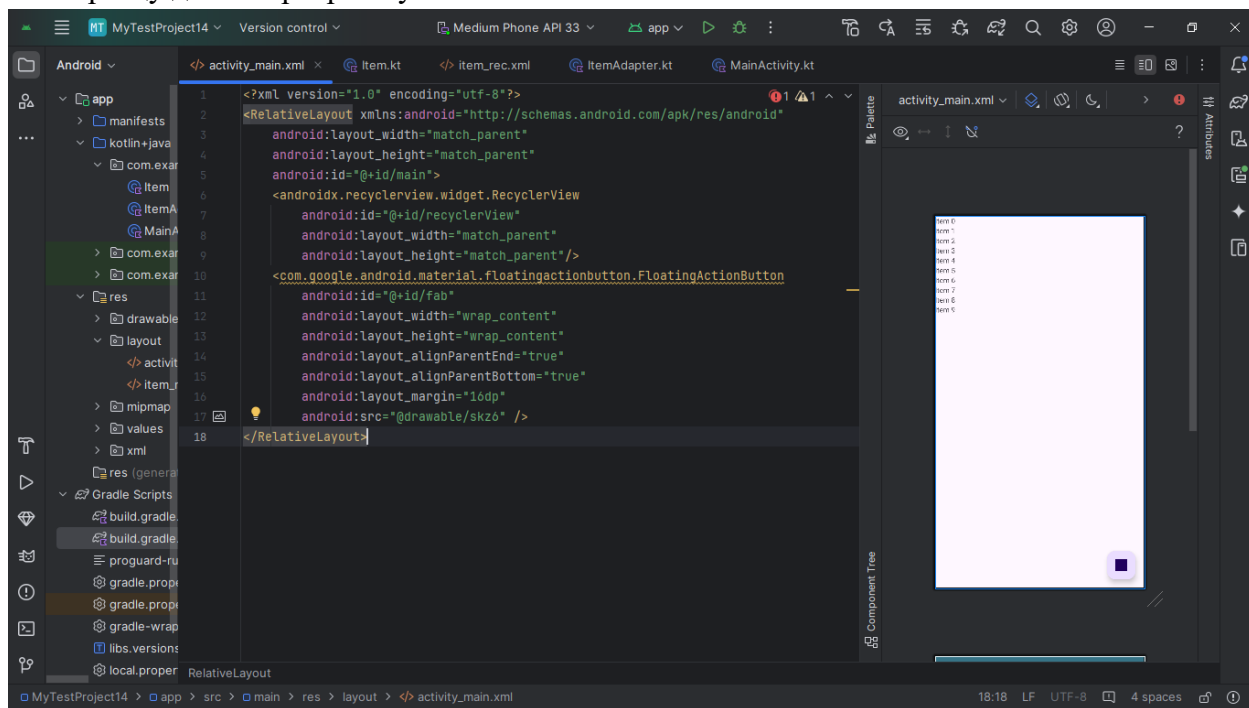
Практическая работа 14

Задание

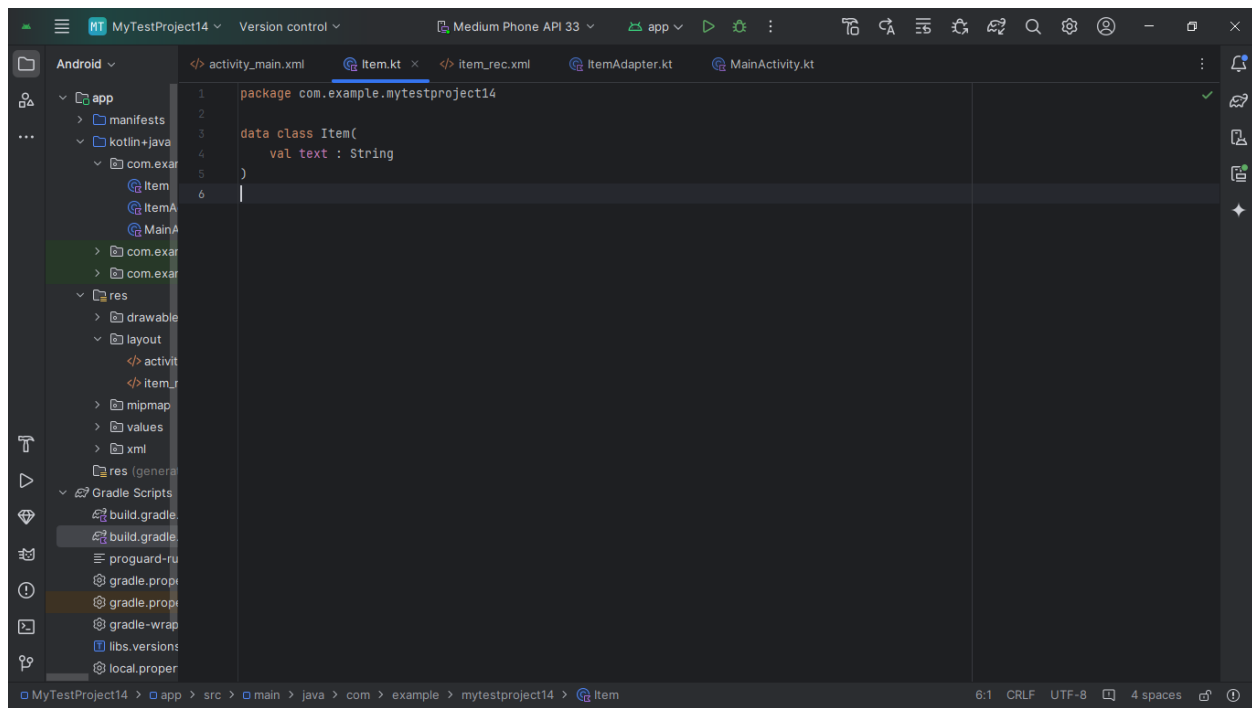


Ход работы:

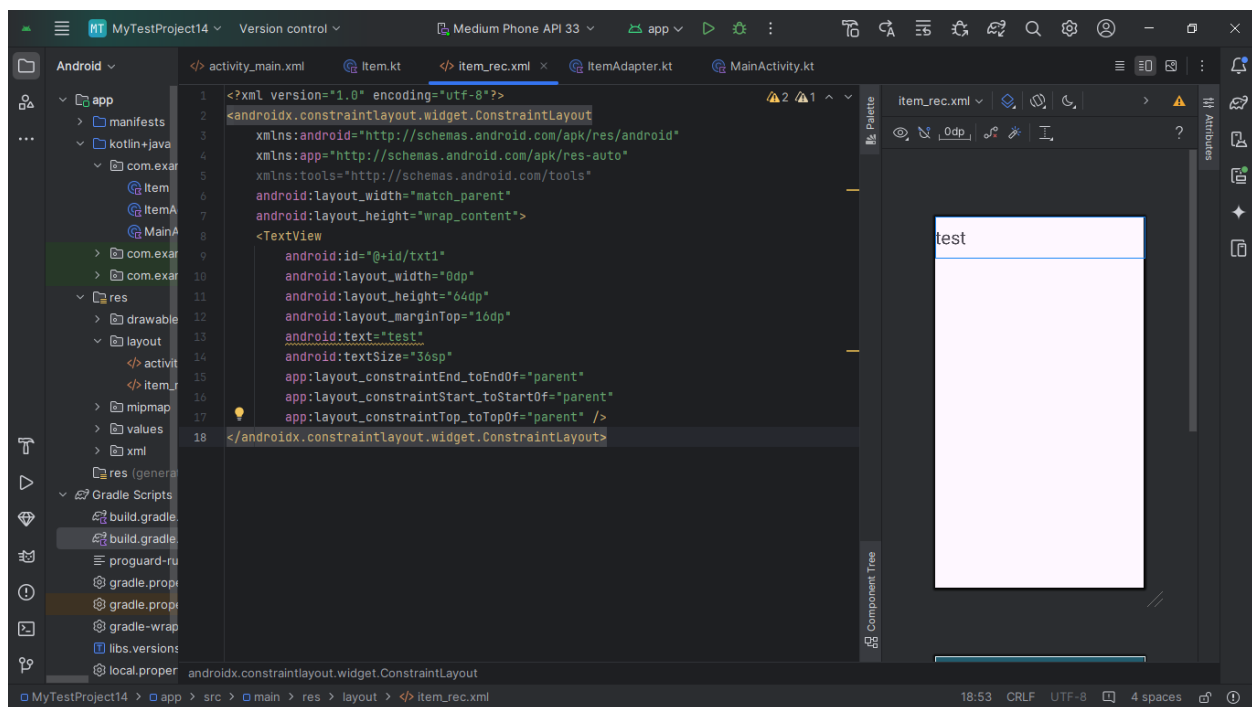
1. По образцу делаю программу



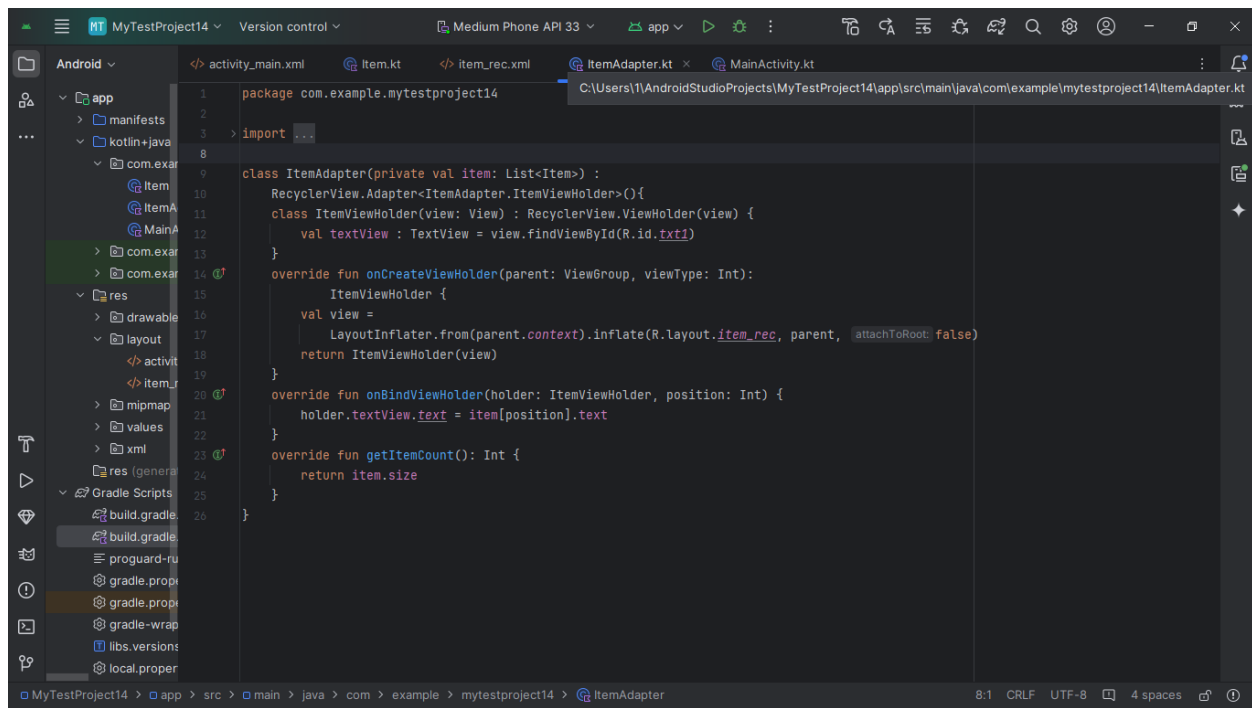
// activity_main.xml



// Item.kt

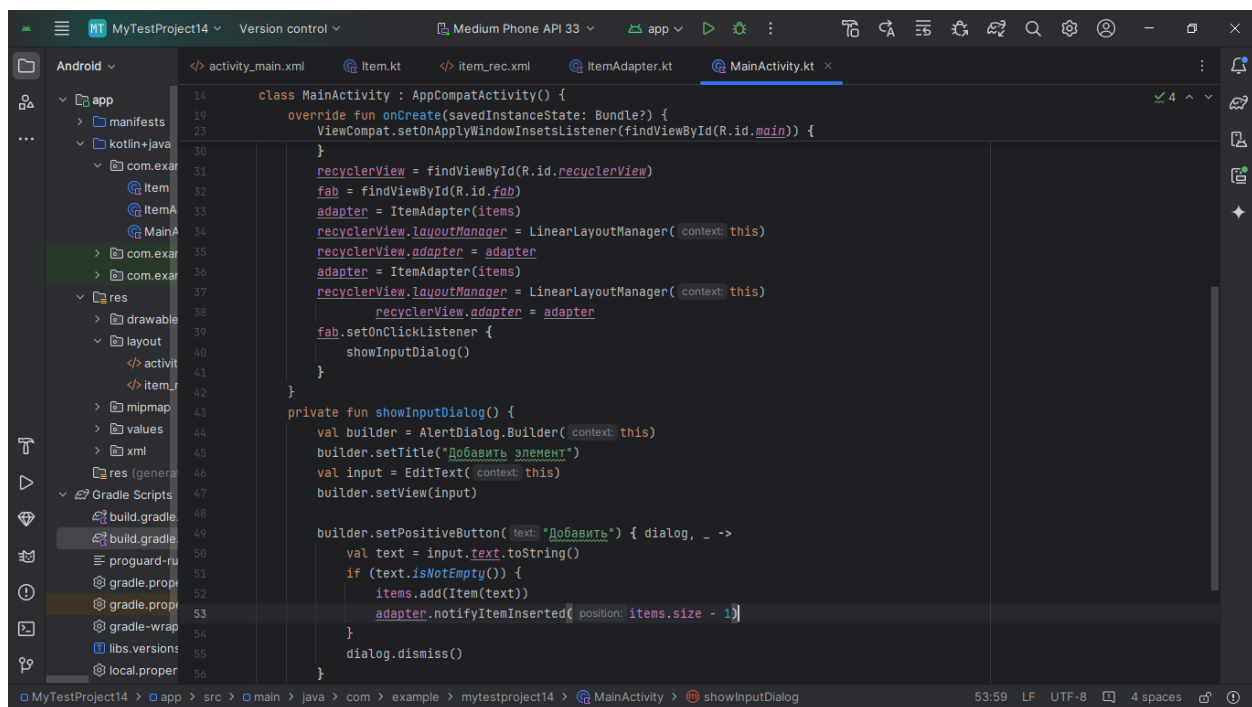


// item_rec.xml



```
1 package com.example.mytestproject14
2
3 import ...
4
5
6
7
8
9 class ItemAdapter(private val item: List<Item>) :
10     RecyclerView.Adapter<ItemAdapter.ItemViewHolder>() {
11     class ItemViewHolder(view: View) : RecyclerView.ViewHolder(view) {
12         val textView : TextView = view.findViewById(R.id.txt1)
13     }
14
15     override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
16         ItemViewHolder {
17         val view =
18             LayoutInflater.from(parent.context).inflate(R.layout.item_rec, parent, attachToRoot: false)
19         return ItemViewHolder(view)
20     }
21
22     override fun onBindViewHolder(holder: ItemViewHolder, position: Int) {
23         holder.textView.text = item[position].text
24     }
25
26     override fun getItemCount(): Int {
27         return item.size
28     }
29 }
```

// ItemAdapter.kt



```
14 class MainActivity : AppCompatActivity() {
15     override fun onCreate(savedInstanceState: Bundle?) {
16         super.onCreate(savedInstanceState)
17         setContentView(R.layout.activity_main)
18         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets }
19
20         recyclerView = findViewById<RecyclerView>(R.id.recyclerView)
21         fab = findViewById<FloatingActionButton>(R.id.fab)
22         adapter = ItemAdapter(items)
23         recyclerView.layoutManager = LinearLayoutManager(this)
24         recyclerView.adapter = adapter
25         adapter = ItemAdapter(items)
26         recyclerView.layoutManager = LinearLayoutManager(this)
27         recyclerView.adapter = adapter
28         fab.setOnClickListener {
29             showInputDialog()
30         }
31     }
32
33     private fun showInputDialog() {
34         val builder = AlertDialog.Builder(this)
35         builder.setTitle("Добавить элемент")
36         val input = EditText(this)
37         builder.setView(input)
38
39         builder.setPositiveButton("Добавить") { dialog, _ ->
40             val text = input.text.toString()
41             if (text.isNotEmpty()) {
42                 items.add(Item(text))
43                 adapter.notifyItemInserted(position: items.size - 1)
44             }
45             dialog.dismiss()
46         }
47     }
48 }
```

// MainActivity.kt

2. Проверяю её на работу

