

мэйн активити.kt

```
5 import android.os.Bundle
6 import android.widget.EditText
7 import androidx.activity.enableEdgeToEdge
8 import androidx.appcompat.app.AppCompatActivity
9 import androidx.core.view.ViewCompat
10 import androidx.core.view.WindowInsetsCompat
11 import androidx.recyclerview.widget.LinearLayoutManager
12 import androidx.recyclerview.widget.RecyclerView
13 import androidx.appcompat.app.AlertDialog
14 import com.google.android.material.floatingactionbutton.FloatingActionButton

15 class MainActivity : AppCompatActivity() {
16     private lateinit var recyclerView: RecyclerView
17     private lateinit var fab: FloatingActionButton
18     private val items: MutableList<Item> = mutableListOf()
19     private lateinit var adapter: ItemAdapter
20     override fun onCreate(savedInstanceState: Bundle?) {
21         super.onCreate(savedInstanceState)
22         enableEdgeToEdge()
23         setContentView(R.layout.activity_main)
24         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
25             v, insets ->
26             {
27                 val systemBars =
28                     insets.getInsets(WindowInsetsCompat.Type.systemBars())
29                 v.setPadding(systemBars.left, systemBars.top, systemBars.right,
30                     systemBars.bottom)
31                 insets
32             }
33         }
34         recyclerView = findViewById(R.id.recyclerView)
35         fab = findViewById(R.id.fab)
36         adapter = ItemAdapter(items)
37         recyclerView.layoutManager = LinearLayoutManager( context: this)
38         recyclerView.adapter = adapter
39         adapter = ItemAdapter(items)
40         recyclerView.layoutManager = LinearLayoutManager( context: this)
41         recyclerView.adapter = adapter
42         fab.setOnClickListener {
43             showInputDialog()
44         }
45     }
46     private fun showInputDialog() {
47         val builder = AlertDialog.Builder( context: this)
48         builder.setTitle("Requisit")
49     }
50 }
```

```

14 class MainActivity : AppCompatActivity() {
15     override fun onCreate(savedInstanceState: Bundle?) {
16         enableEdgeToEdge()
17         setContentView(R.layout.activity_main)
18         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
19             v, insets ->
20             val systemBars =
21                 insets.getInsets(WindowInsetsCompat.Type.systemBars())
22             v.setPadding(systemBars.left, systemBars.top, systemBars.right,
23                 systemBars.bottom)
24             insets
25         }
26         recyclerView = findViewById(R.id.recyclerView)
27         fab = findViewById(R.id.fab)
28         adapter = ItemAdapter(items)
29         recyclerView.layoutManager = LinearLayoutManager(context: this)
30         recyclerView.adapter = adapter
31         adapter = ItemAdapter(items)
32         recyclerView.layoutManager = LinearLayoutManager(context: this)
33         recyclerView.adapter = adapter
34         fab.setOnClickListener {
35             showInputDialog()
36         }
37     }
38     private fun showInputDialog() {
39         val builder = AlertDialog.Builder(context: this)
40         builder.setTitle("Добавить элемент")
41         val input = EditText(context: this)
42         builder.setView(input)
43         builder.setPositiveButton("Добавить") { dialog, _ ->
44             val text = input.text.toString()
45             if (text.isNotEmpty()) {
46                 items.add(Item(text))
47                 adapter.notifyItemInserted(position: items.size - 1)
48             }
49             dialog.dismiss()
50         }
51         builder.setNegativeButton("Отмена") { dialog, _ -> dialog.cancel() }
52         builder.show()
53     }
54 }
55 }
56 }
57 }
58 }
59 }
60 }

```

ИТЕМ.KT

```

data class Item(
    val text: String
)

```

итем_рек.xml

```

<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:id="@+id/txt1"
        android:layout_width="0dp"
        android:layout_height="64dp"
        android:layout_marginTop="16dp"
        android:text="test"
        android:textSize="40sp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

итем_адаптер.kt

```

<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
    <TextView
        android:id="@+id/txt1"
        android:layout_width="0dp"
        android:layout_height="64dp"
        android:layout_marginTop="16dp"
        android:text="test"
        android:textSize="40sp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

Итог:

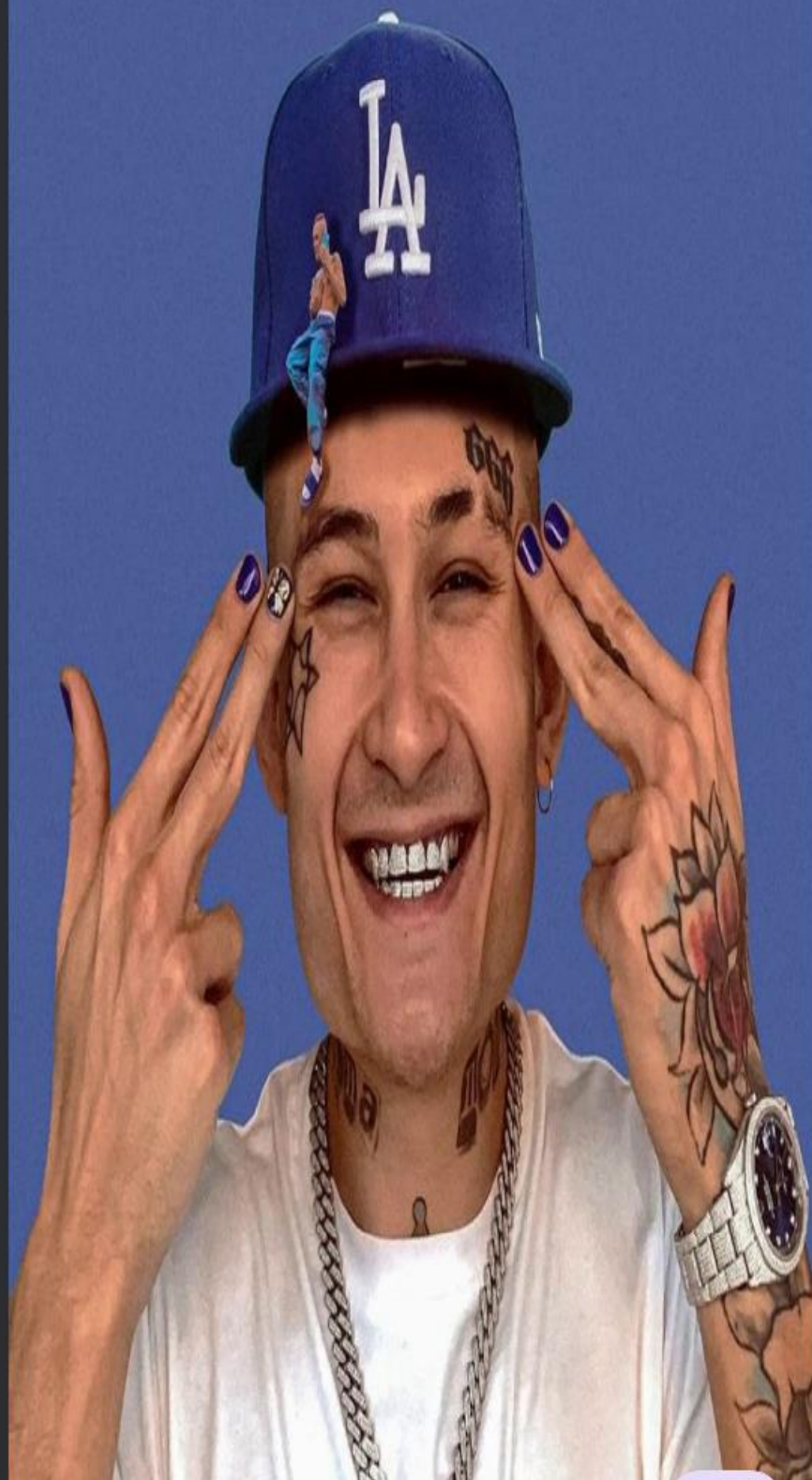
Running Devices

Xiaomi 23049PCD8G API 34



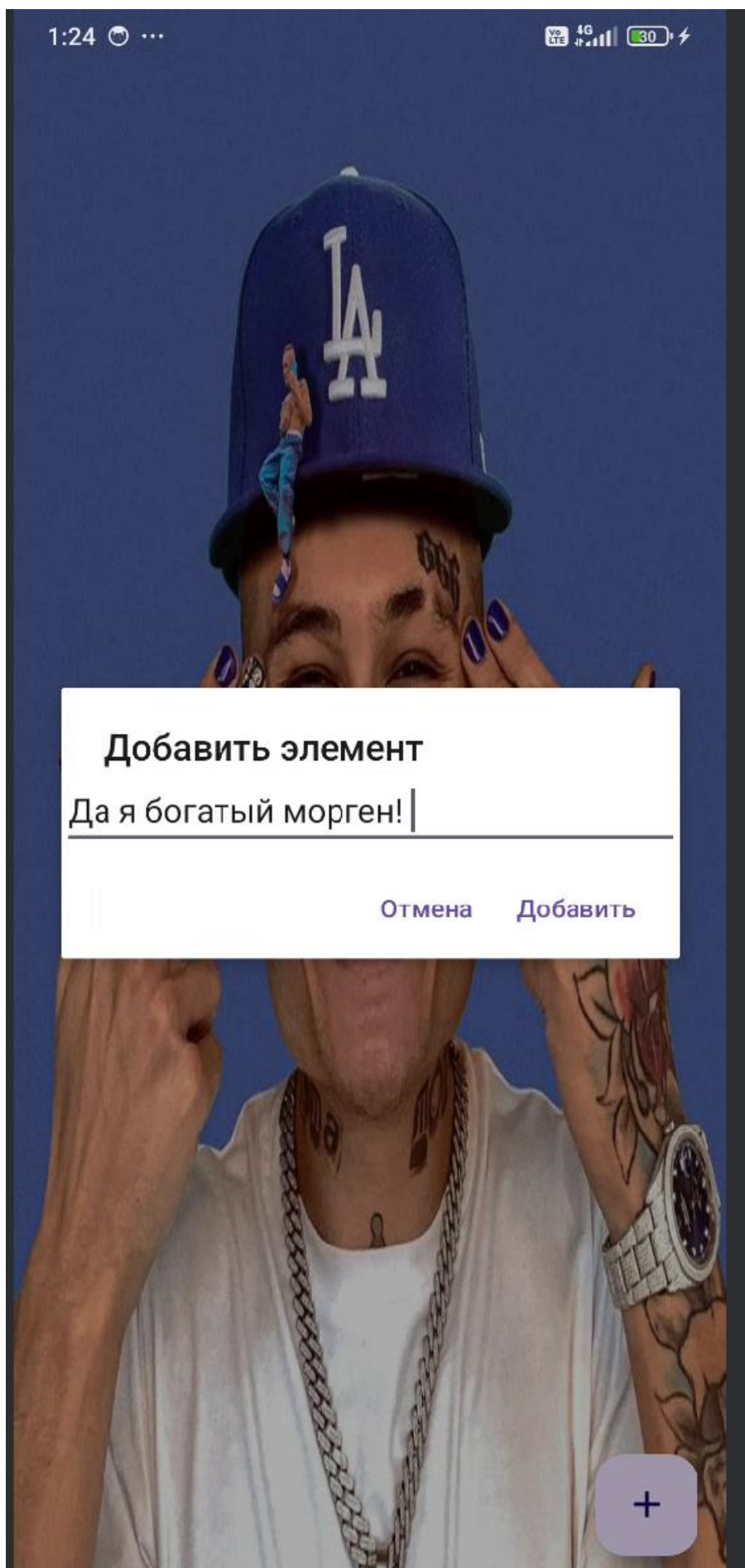
1:21

4G+ 31



1:24

4G LTE 30



Добавить элемент

Да я богатый морген!

Отмена Добавить





1:25



Да я богатый



