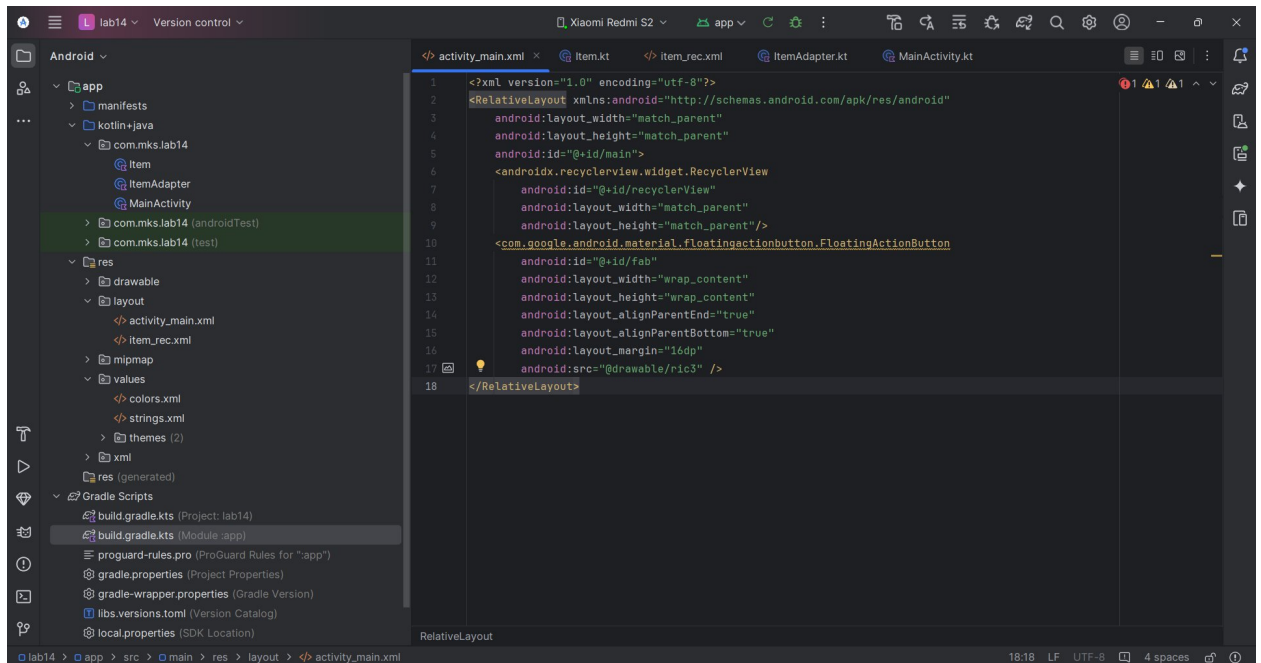# Добавление элементов в список

Выполнили:
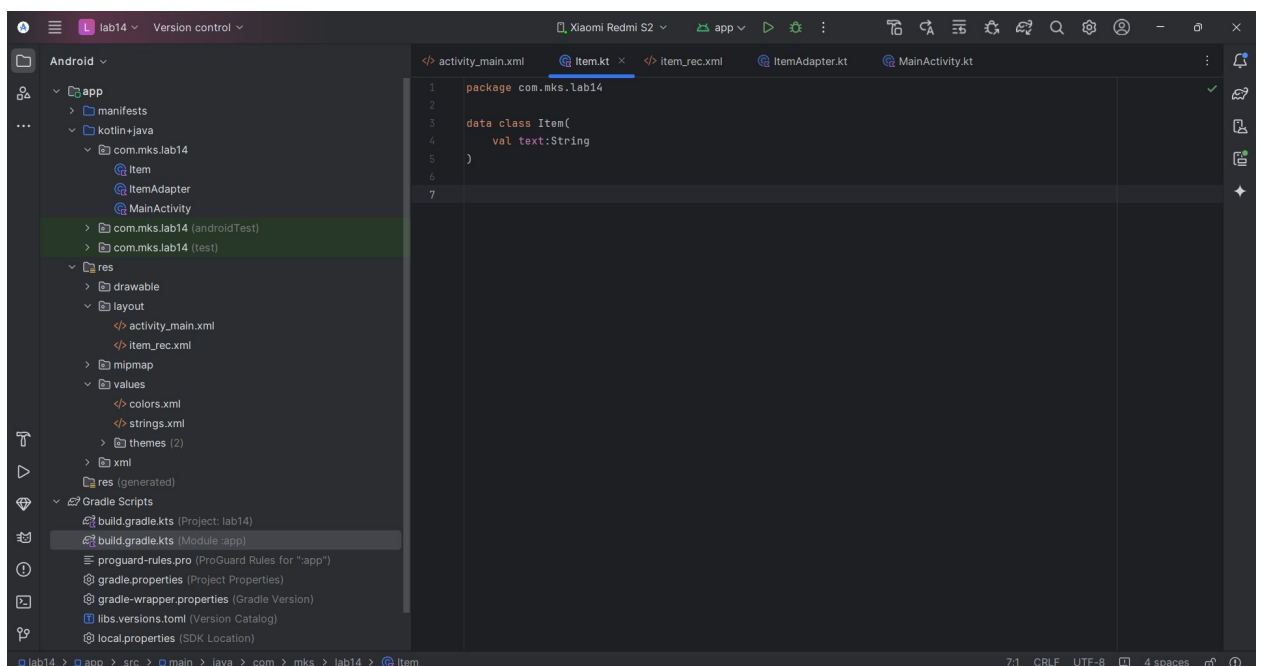
Бурова Екатерина

Кахнович Мария
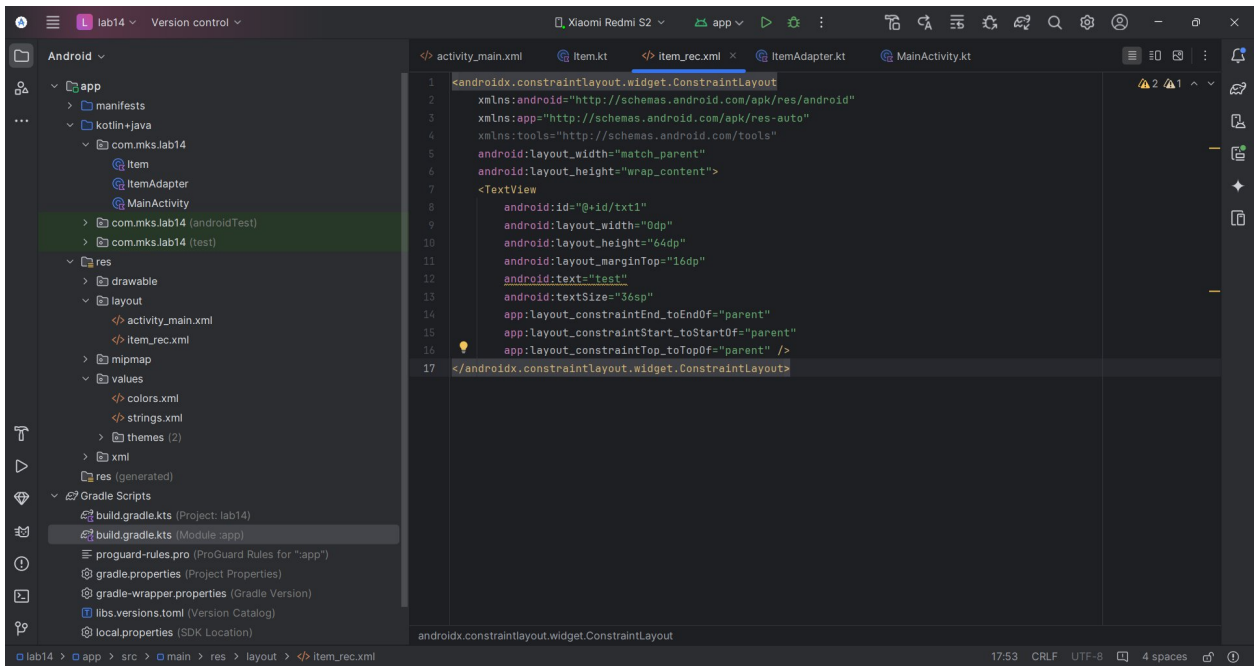
activity_main.xml
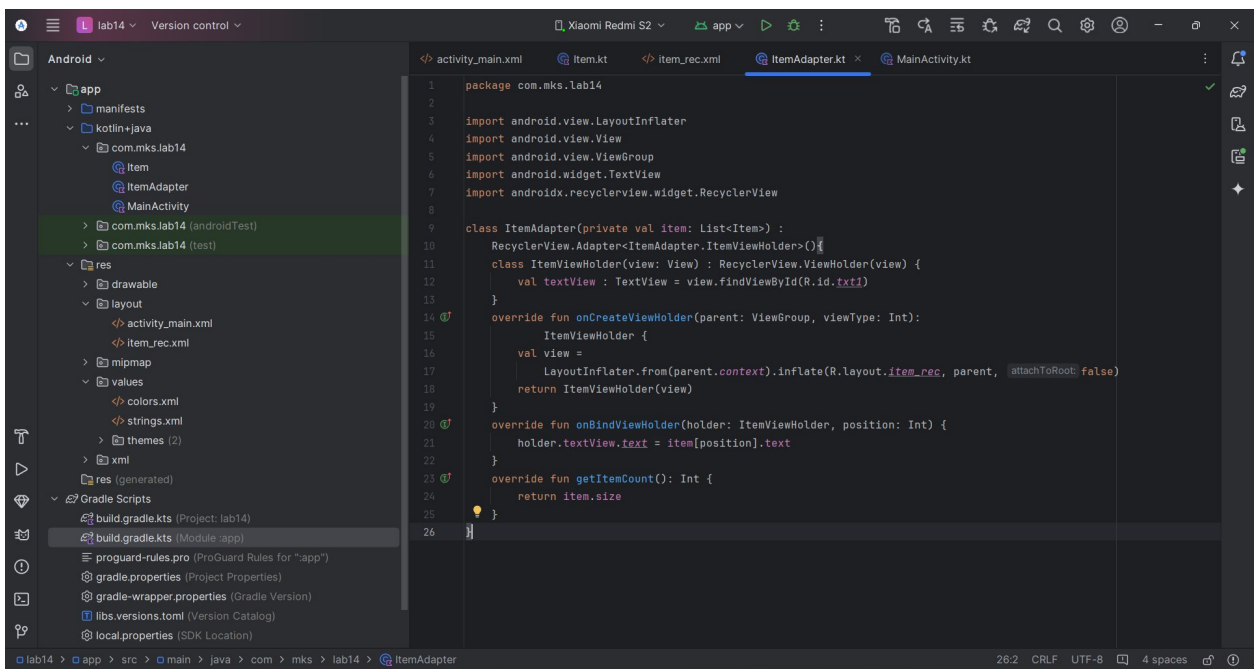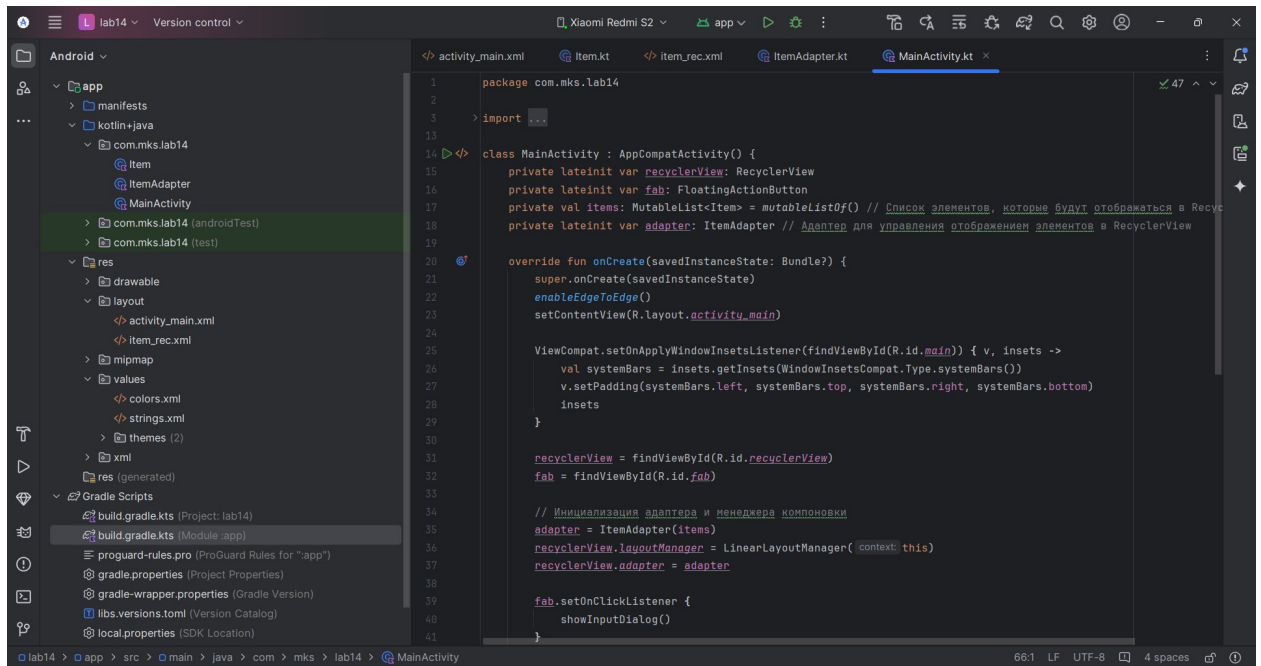

Item.kt

item_rec.xml

```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="36sp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

ItemAdapter.kt

```kotlin
package com.mks.lab14

import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.TextView
import androidx.recyclerview.widget.RecyclerView

class ItemAdapter(private val item: List<Item>) :
    RecyclerView.Adapter<ItemAdapter.ItemViewHolder>(){
    class ItemViewHolder(view: View) : RecyclerView.ViewHolder(view) {
        val textView : TextView = view.findViewById(R.id.txt1)
    }
    override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
            ItemViewHolder {
        val view =
            LayoutInflater.from(parent.context).inflate(R.layout.item_rec, parent, attachToRoot: false)
        return ItemViewHolder(view)
    }
    override fun onBindViewHolder(holder: ItemViewHolder, position: Int) {
        holder.textView.text = item[position].text
    }
    override fun getItemCount(): Int {
        return item.size
    }
}
```

MainActivity.kt

Результат