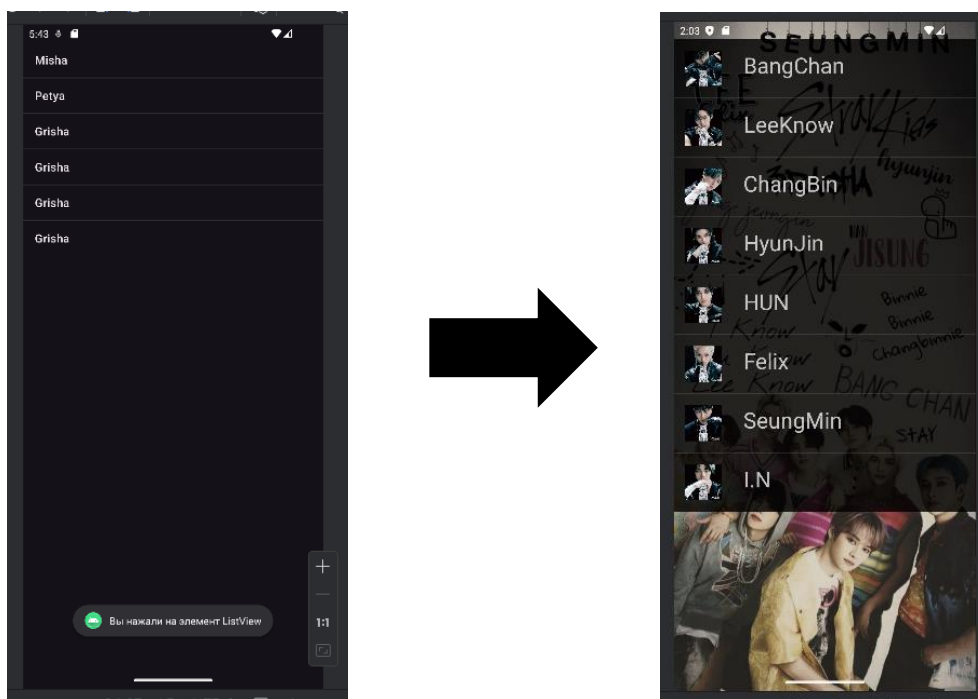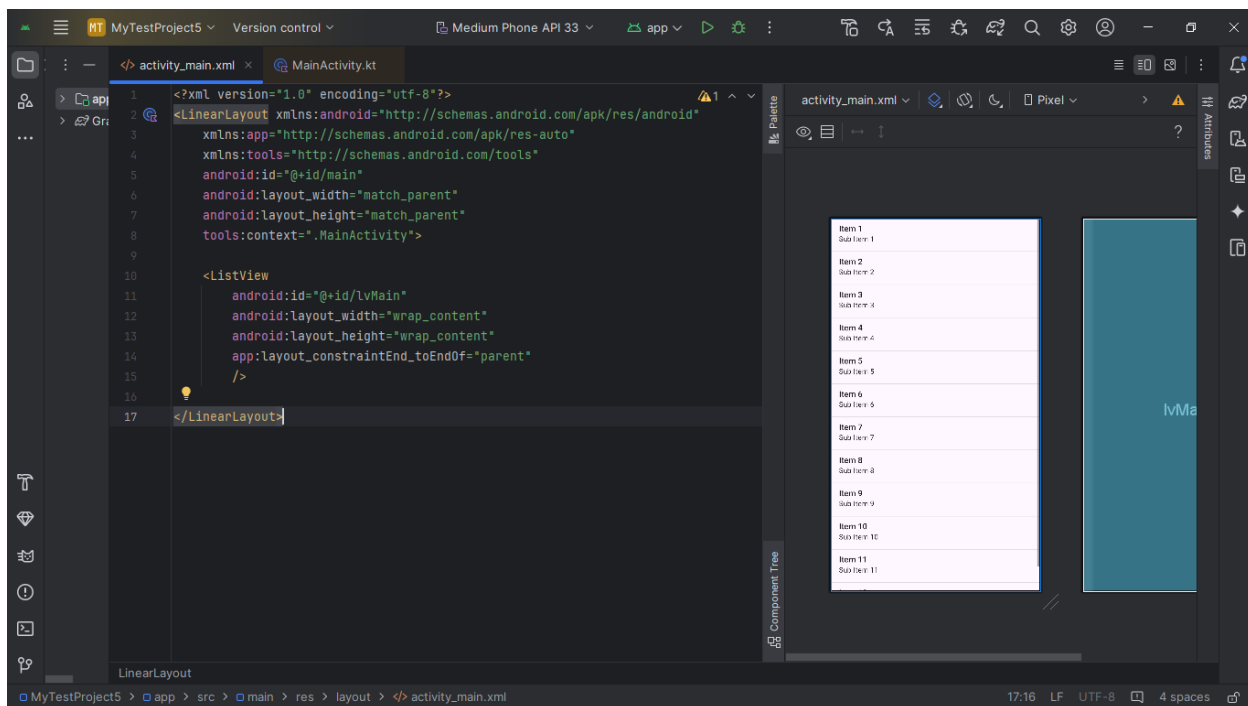*Выполнила: Федотова Дарина*

Работа со списком ListView

Задание

Ход работы:

1. По образцу делаю программу
   // xml

// kt

```kotlin
val listView : ListView = findViewById(R.id.lvMain)

val arrayAdapter : ArrayAdapter<*>
val names = arrayOf("Misha", "Petya", "Grisha", "Grisha",
    "Grisha", "Grisha")

arrayAdapter = ArrayAdapter( context: this, android.R.layout.simple_list_item_1, names)
listView.adapter = arrayAdapter
```

2. Запускаю приложение
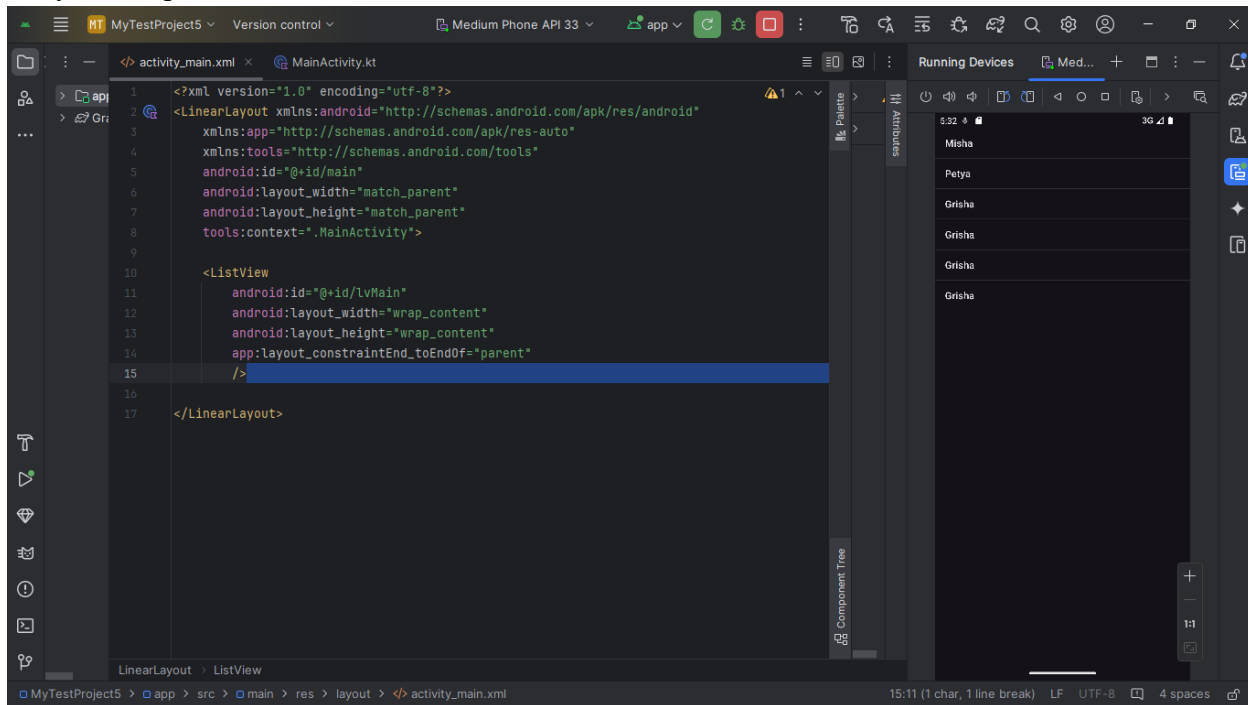
3. В файл активити добавляю setOnItemClickListener

```kotlin
listView.setOnItemClickListener { parent, view, position, id ->
    val selectItem = names[position]
    Toast.makeText( context: this, text: "Вы нажали на элемент ListView", Toast.LENGTH_SHORT).show()
}
```

4. Тестирую приложение

// Теперь после нажатия элемента из списка появляется надпись

5. После делаю приложение плейлиста с помощью подсказок в практической

// activity_main.xml

// list_item.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="horizontal">


    <ImageView
        android:id="@+id/ImageView"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_margin="15dp"
        android:src="@drawable/skz1"
        />


    <TextView
        android:id="@+id/tvList"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="15dp"
        android:text="Тут будет текст"
        android:textColor="#C0FFFFFF"
        android:textSize="30sp" />
</LinearLayout>
```
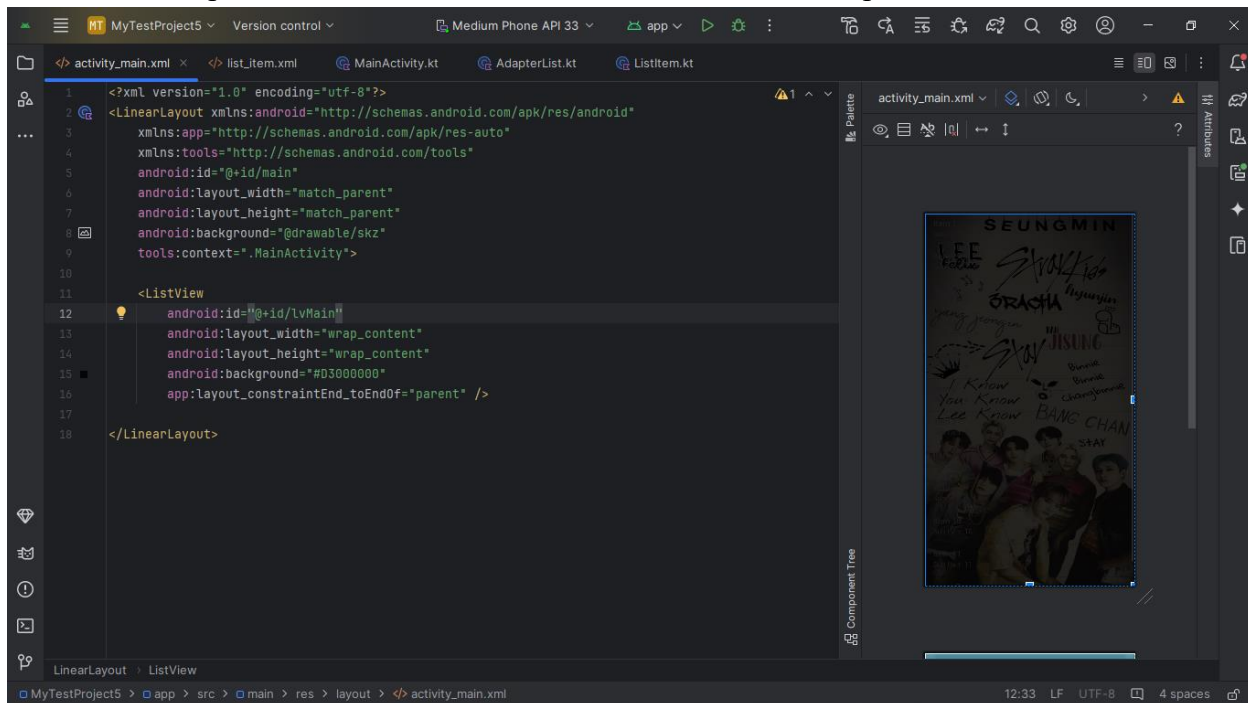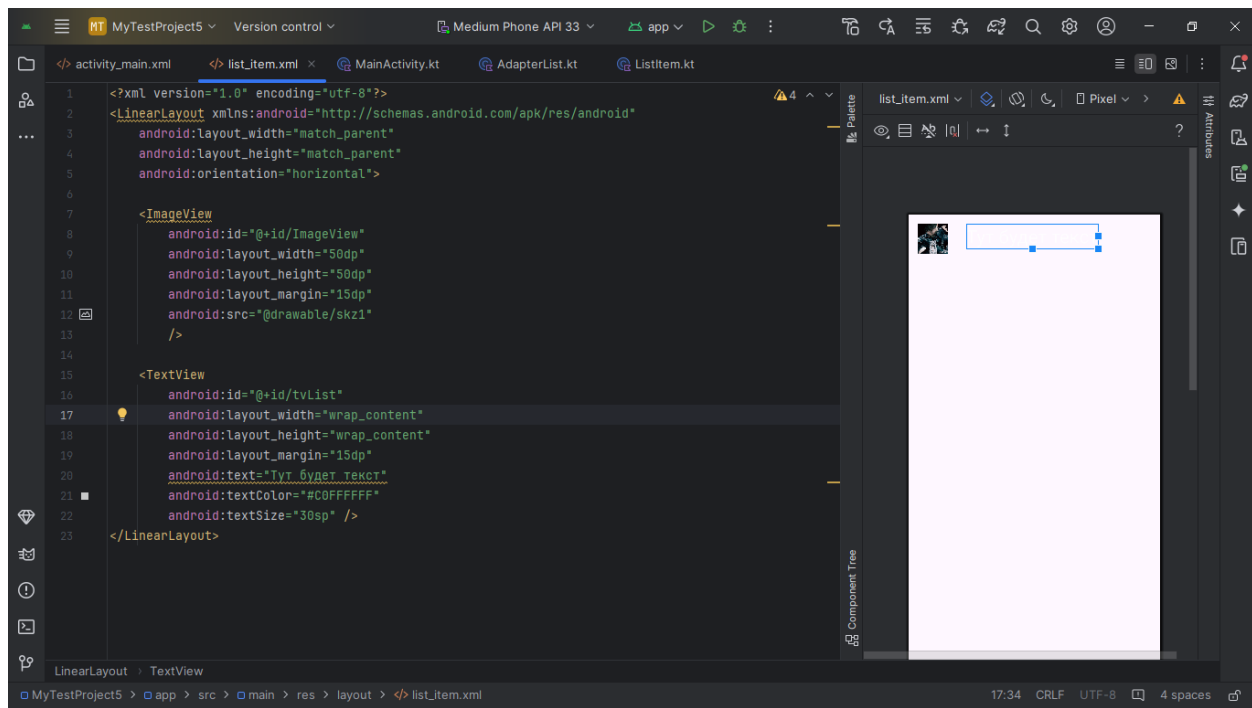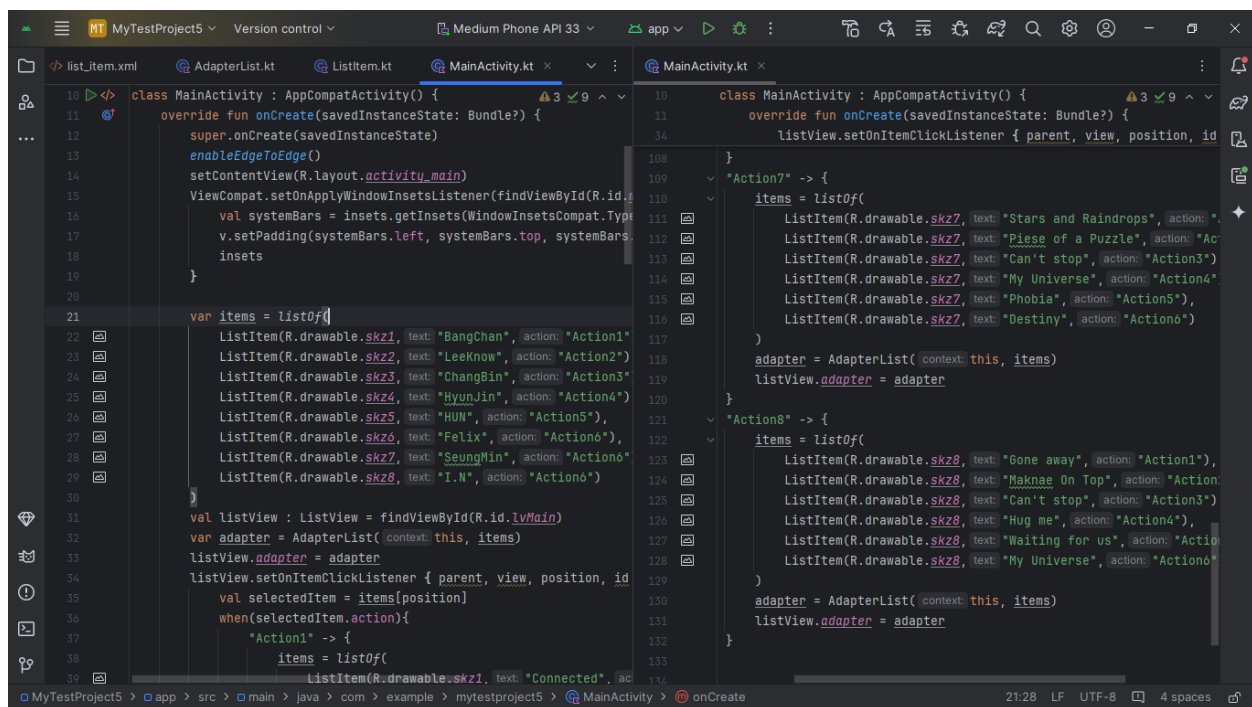

// MainActivity.kt

```kotlin
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.
            val systemBars = insets.getInsets(WindowInsetsCompat.Typ
            v.setPadding(systemBars.left, systemBars.top, systemBars.
            insets
        }

        var items = listOf(
            ListItem(R.drawable.skz1, text: "BangChan", action: "Action1")
            ListItem(R.drawable.skz2, text: "LeeKnow", action: "Action2"),
            ListItem(R.drawable.skz3, text: "ChangBin", action: "Action3"
            ListItem(R.drawable.skz4, text: "HyunJin", action: "Action4")
            ListItem(R.drawable.skz5, text: "HUN", action: "Action5"),
            ListItem(R.drawable.skz6, text: "Felix", action: "Action6"),
            ListItem(R.drawable.skz7, text: "SeungMin", action: "Action6"
            ListItem(R.drawable.skz8, text: "I.N", action: "Action6")
        )
        val listView : ListView = findViewById(R.id.lvMain)
        var adapter = AdapterList( context: this, items)
        listView.adapter = adapter
        listView.setOnItemClickListener { parent, view, position, id
            val selectedItem = items[position]
            when(selectedItem.action){
                "Action1" -> {
                    items = listOf(
                        ListItem(R.drawable.skz1, text: "Connected", ac
```

```kotlin
        listView.setOnItemClickListener { parent, view, position, id
            }
            "Action7" -> {
                items = listOf(
                    ListItem(R.drawable.skz7, text: "Stars and Raindrops", action: "
                    ListItem(R.drawable.skz7, text: "Piese of a Puzzle", action: "Ac
                    ListItem(R.drawable.skz7, text: "Can't stop", action: "Action3")
                    ListItem(R.drawable.skz7, text: "My Universe", action: "Action4"
                    ListItem(R.drawable.skz7, text: "Phobia", action: "Action5"),
                    ListItem(R.drawable.skz7, text: "Destiny", action: "Action6")
                )
                adapter = AdapterList( context: this, items)
                listView.adapter = adapter
            }
            "Action8" -> {
                items = listOf(
                    ListItem(R.drawable.skz8, text: "Gone away", action: "Action1"),
                    ListItem(R.drawable.skz8, text: "Maknae On Top", action: "Action:
                    ListItem(R.drawable.skz8, text: "Can't stop", action: "Action3")
                    ListItem(R.drawable.skz8, text: "Hug me", action: "Action4"),
                    ListItem(R.drawable.skz8, text: "Waiting for us", action: "Actio
                    ListItem(R.drawable.skz8, text: "My Universe", action: "Action6"
                )
                adapter = AdapterList( context: this, items)
                listView.adapter = adapter
            }
```

//AdapterList.kt

```kotlin
package com.example.mytestproject5

import android.content.Context
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.ArrayAdapter
import android.widget.ImageView
import android.widget.TextView

class AdapterList (context : Context, private val items: List<ListItem>) : ArrayAdapter<ListItem>(context, resource: 0, items) {
    override fun getView(position: Int, convertView: View?, parent: ViewGroup) : View {
        val item = getItem(position)

        val view = convertView ?: LayoutInflater.from(context).inflate(R.layout.list_item, parent, attachToRoot: false)

        val imageView : ImageView = view.findViewById(R.id.ImageView)
        val textView : TextView = view.findViewById(R.id.tvList)

        item?.let {
            imageView.setImageResource(it.imageR)
            textView.text = it.text
        }
        return view
    }
}
```

//AdapterList.kt

// ListItem.kt

```kotlin
package com.example.mytestproject5

data class ListItem(val imageR : Int, val text : String, val action : String) {
}
```

// ListItem.kt

6. Получаю результат