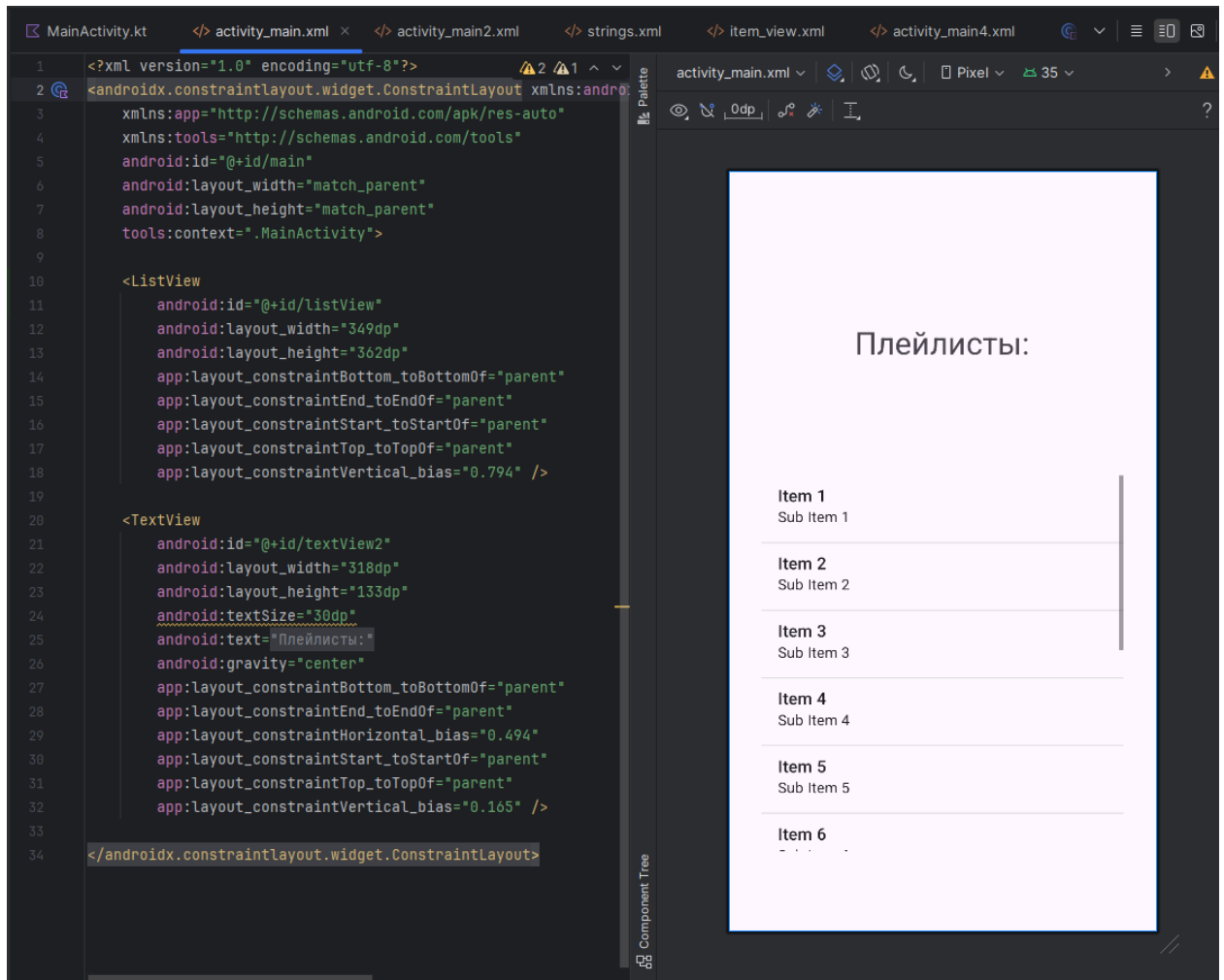
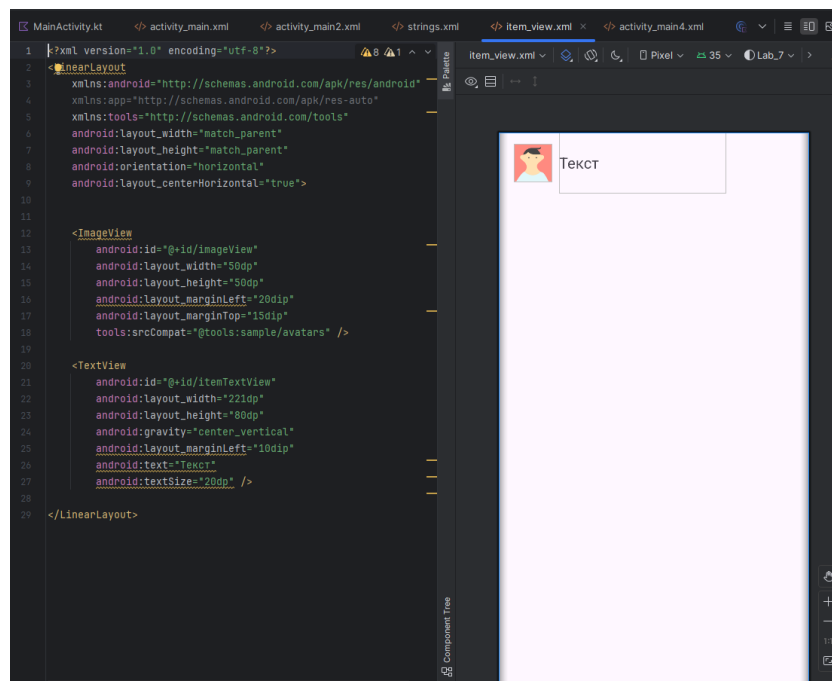


Лабораторная работа 7

1. Создаем первую активность со списком плейлистов:



2. Создаем отдельную активность для внешнего вида ячеек листа

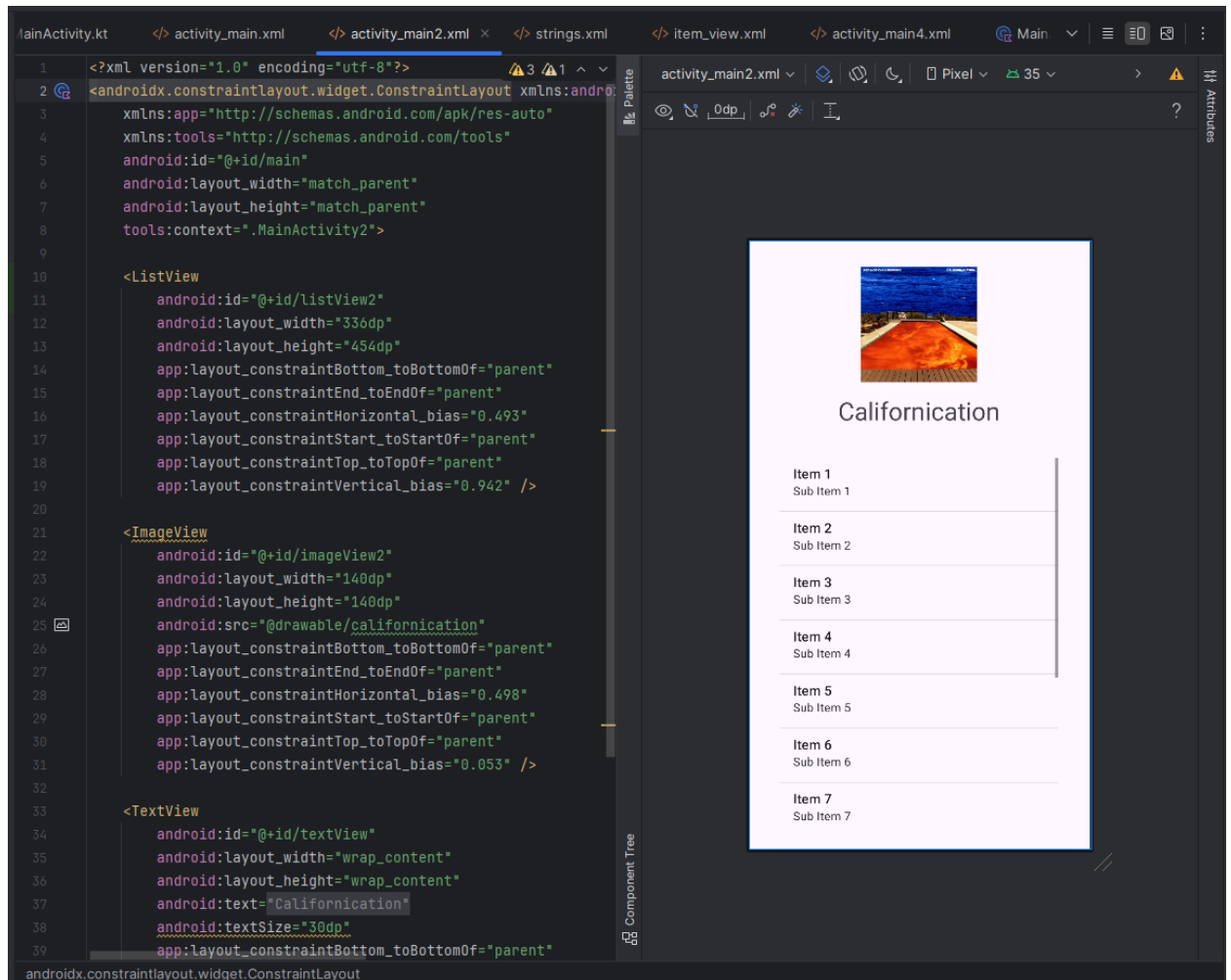


3. Оформляем работу списка плейлистов, при нажатии нас перебрасывает на активность плейлиста.

```
18 class MainActivity : AppCompatActivity() {
19     override fun onCreate(savedInstanceState: Bundle?) {
20         super.onCreate(savedInstanceState)
21         enableEdgeToEdge()
22         setContentView(R.layout.activity_main)
23         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
24             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
25             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
26             insets
27         }
28         //Создание листа, для вывода этих данных в список
29
30         val items = listOf(
31             ListItem(R.drawable.californication, text: "Californication\nRed Hot Chili Peppers", action: "Action1"),
32             ListItem(R.drawable.thegateway, text: "The Getaway\nRed Hot Chili Peppers", action: "Action2"),
33             ListItem(R.drawable.nevermind, text: "Nevermind\nNirvana", action: "Action3"),
34         )
35         val listView : ListView = findViewById(R.id.listView)
36
37         val adapter = AdapterList(context: this, items)
38         listView.adapter = adapter
39         //добавление кликабельности объектов в списке listView
40         listView.setOnItemClickListener { parent, view, position, id ->
41             val selectedItem = items[position]
42
43             when(selectedItem.action){
44                 "Action1" -> {
45                     changeActivity(selectedItem.imageR, MainActivity2::class.java)
46                 }
47                 "Action2" -> {
48                     changeActivity(selectedItem.imageR, MainActivity3::class.java)
49                 }
50                 "Action3" -> {
51                     changeActivity(selectedItem.imageR, MainActivity4::class.java)
52                 }
53             }
54         }
55     }
56 }
```

```
54
55     }
56 }
57 fun changeActivity(imageR: Int, activity: Class<*>){
58     val intent = Intent(packageContext: this, activity)
59     intent.putExtra(name: "imgKey", imageR)
60     startActivity(intent)
61 }
62
63
64 data class ListItem(val imageR: Int, val text: String, val action: String){
65 }
66
67 class AdapterList(context : Context, private val items: List<ListItem>) : ArrayAdapter<ListItem>(context, resource: 0,items){
68     override fun getView(position : Int, convertView: View?, parent: ViewGroup): View{
69         val item = getItem(position)
70
71         val view = convertView ?: LayoutInflater.from(context).inflate(R.layout.item_view,parent, attachToRoot: false)
72
73         val imageView: ImageView = view.findViewById(R.id.imageView)
74         val textView : TextView = view.findViewById(R.id.itemTextView)
75
76         item?.let {
77             imageView.setImageResource(it.imageR)
78             textView.text = it.text
79         }
80         return view
81     }
82 }
83 }
```

4. Создаем еще 3 активности, каждую для отдельного плейлиста



5. Оформляем список внутри активности, при нажатии на объект должна воспроизводится музыка, при завершении активности музыка выключается.

```

11
12 <> class MainActivity2 : AppCompatActivity() {
13     var media: MediaPlayer = MediaPlayer()
14     @Override fun onCreate(savedInstanceState: Bundle?) {
15         super.onCreate(savedInstanceState)
16         enableEdgeToEdge()
17         setContentView(R.layout.activity_main2)
18         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
19             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
20             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
21             insets
22         }
23
24         val items = listOf(
25             ListItem(intent.getIntExtra( name: "imgKey", defaultValue: 0), text: "Californication", action: "Action1"),
26             ListItem(intent.getIntExtra( name: "imgKey", defaultValue: 0), text: "Around the world", action: "Action2"),
27             ListItem(intent.getIntExtra( name: "imgKey", defaultValue: 0), text: "Otherside", action: "Action3"),
28         )
29         val listView : ListView = findViewById(R.id.listView2)
30         media = MediaPlayer.create( context: this, R.raw.californication_rhcp)
31         val adapter = AdapterList( context: this, items)
32
33         listView.adapter = adapter
34         listView.setOnItemClickListener { _, _, position, _ ->
35             val selectedItem = items[position]
36
37             when(selectedItem.action){
38                 "Action1" -> {
39                     Toast.makeText( context: this, text: "Californication",
40                         Toast.LENGTH_SHORT).show()
41                     media.stop()
42                     media = MediaPlayer.create( context: this, R.raw.californication_rhcp)
43                     media.start()
44                 }
45                 "Action2" -> {
46                     Toast.makeText( context: this, text: "Around The World",
47                         Toast.LENGTH_SHORT).show()
48                     media.stop()
49                     media = MediaPlayer.create( context: this, R.raw.aroundtheworld_rhcp)
50                     media.start()

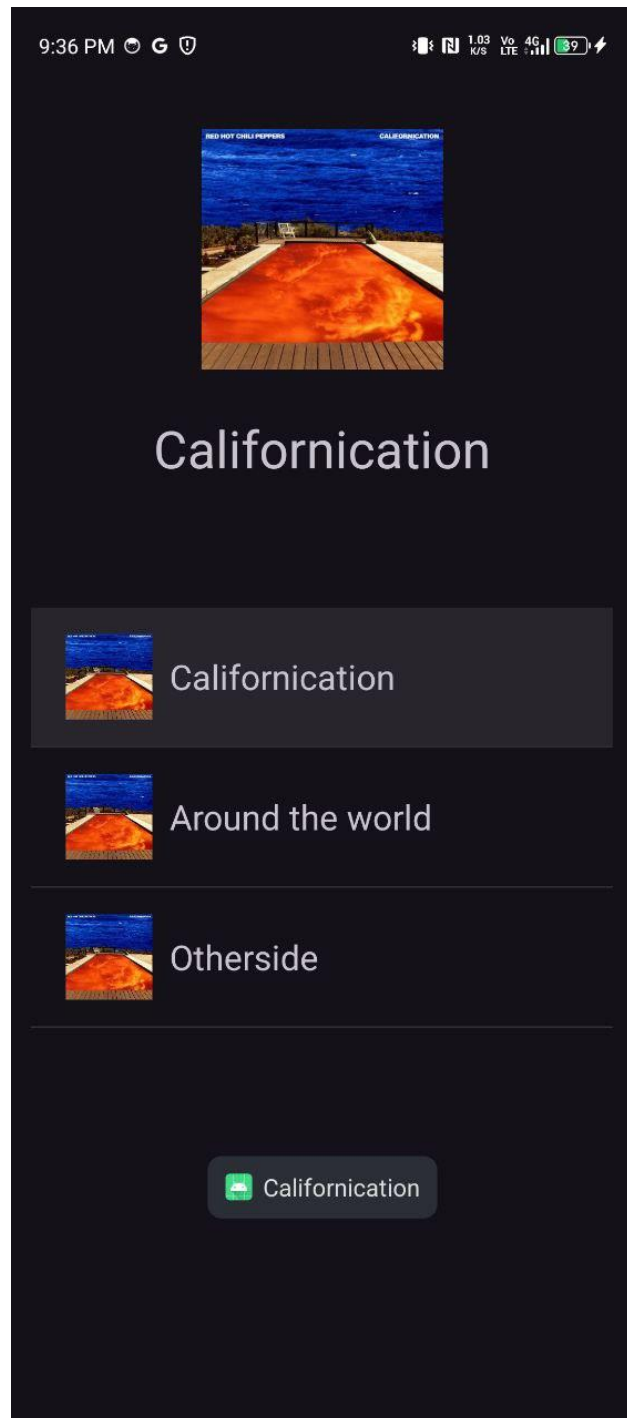
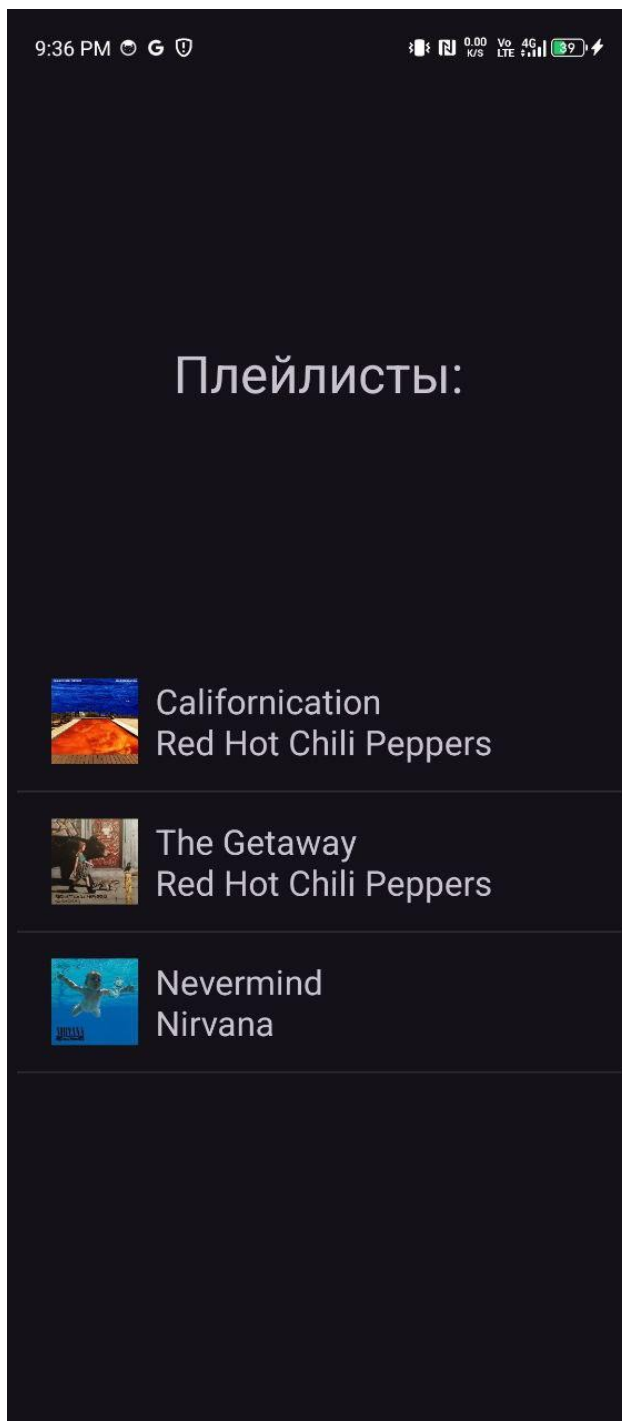
```

```

44     }
45     "Action2" -> {
46         Toast.makeText( context: this, text: "Around The World",
47             Toast.LENGTH_SHORT).show()
48         media.stop()
49         media = MediaPlayer.create( context: this, R.raw.aroundtheworld_rhcp)
50         media.start()
51     }
52     "Action3" -> {
53         Toast.makeText( context: this, text: "Otherside",
54             Toast.LENGTH_SHORT).show()
55         media.stop()
56         media = MediaPlayer.create( context: this, R.raw.otherside_rhcp)
57         media.start()
58     }
59 }
60 }
61 }
62 @Override fun onDestroy() {
63     media.stop()
64     super.onDestroy()
65 }
66 }

```

6. Результат:



9:36 PM

0.00 K/S Vo 4G LTE 39



The Getaway



The Getaway



Dark Necessities



Feasting on the flowers

9:36 PM

3.07 K/S Vo 4G LTE 39



Nevermind



Lithium



Something in the way



Territorial pissing