

Практика номер 8 Кирюшкин Артём ИС221

```
MainActivity.kt  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  strings.xml
2  <androidx.constraintlayout.widget.ConstraintLayout
5      xmlns:tools="http://schemas.android.com/tools"
6      android:layout_width="match_parent"
7      android:layout_height="wrap_content"
8      android:padding="8dp">
9      <com.google.android.material.imageview.ShapeableImageView
10          android:id="@+id/imageItem"
11          android:layout_width="80dp"
12          android:layout_height="80dp"
13          android:src="@drawable/cit"
14          app:layout_constraintStart_toStartOf="parent"
15          app:layout_constraintTop_toTopOf="parent" />
16      <TextView
17          android:id="@+id/txtItem"
18          android:layout_width="0dp"
19          android:layout_height="wrap_content"
20          android:text="Мячик"
21          android:layout_marginStart="20dp"
22          android:textColor="@color/black"
23          android:textSize="16sp"
24          android:textStyle="bold"
25          app:layout_constraintEnd_toEndOf="parent"
26          app:layout_constraintStart_toEndOf="@+id/imageItem"
27          app:layout_constraintTop_toTopOf="parent" />
28      <TextView
29          android:id="@+id/txtBonk"
30          android:layout_width="0dp"
31          android:layout_height="wrap_content"
32          android:layout_marginStart="20dp"
33          android:layout_marginTop="48dp"
34          android:text="Сверх Вайбовый Чел"
35          android:textColor="@color/black"
```

```
34          android:text="Сверх Вайбовый Чел"
35          android:textColor="@color/black"
36          android:textSize="16sp"
37          android:textStyle="bold"
38          app:layout_constraintEnd_toEndOf="parent"
39          app:layout_constraintHorizontal_bias="0.0"
40          app:layout_constraintStart_toEndOf="@+id/imageItem"
41          app:layout_constraintTop_toTopOf="parent" />
42  </androidx.constraintlayout.widget.ConstraintLayout>
```

```
MainActivity.kt  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  strings.xml
1  <?xml version="1.0" encoding="utf-8"?>
2  <androidx.constraintlayout.widget.ConstraintLayout
3      xmlns:android="http://schemas.android.com/apk/res/android"
4      xmlns:app="http://schemas.android.com/apk/res-auto"
5      xmlns:tools="http://schemas.android.com/tools"
6      android:id="@+id/main"
7      android:layout_width="match_parent"
8      android:layout_height="match_parent"
9      tools:context=".MainActivity">
10      <androidx.recyclerview.widget.RecyclerView
11          android:id="@+id/recyclerView"
12          android:layout_width="match_parent"
13          android:layout_height="match_parent"/>
14  </androidx.constraintlayout.widget.ConstraintLayout>
```

```
MainActivity.kt  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  strings.xml x
1  <resources>
2  <string name="app_name">Practice8</string>
3  <string-array name="porodi_cat">
4      <item>Марси</item>
5      <item>Мейн-Кун</item>
6      <item>Манчкин</item>
7      <item>Бенгальская кошка</item>
8      <item>Шотландская вислуха</item>
9      <item>Ориентал</item>
10     <item>Русская голубая</item>
11     <item>Сибирская</item>
12     <item>Экзотическая</item>
13     <item>Сфинкс</item>
14 </string-array>
15
16 <string-array name="opisanie_cat">
17     <item>Сверх балдёжный</item>
18     <item>Длинный</item>
19     <item>Короткий</item>
20     <item>Леопардовая</item>
21     <item>Английская</item>
22     <item>Эльф</item>
23     <item>НЕ ГЕЙ</item>
24     <item>Не язва</item>
25     <item>Типа Папайя</item>
26     <item>Типа Гарриет</item>
27 </string-array>
28 </resources>
```

```
MainActivity.kt x  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  strings.xml
3  > import ...
10
11 class MainActivity : AppCompatActivity() {
12     private lateinit var recyclerView : RecyclerView
13     private lateinit var arrayList : ArrayList<DataClass>
14     private lateinit var imageId : Array<Int>
15     private lateinit var textId : Array<String>
16     private lateinit var textBonkId : Array<String>
17
18     override fun onCreate(savedInstanceState: Bundle?) {
19         super.onCreate(savedInstanceState)
20         enableEdgeToEdge()
21         setContentView(R.layout.activity_main)
22         ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
23             val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
24             v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
25             insets
26         }
27         imageId = arrayOf(
28             R.drawable.c1t,
29             R.drawable.cat,
30             R.drawable.cot,
31             R.drawable.cut,
32             R.drawable.cet,
33             R.drawable.cyt,
34             R.drawable.cgt,
35             R.drawable.cwt,
36             R.drawable.crt,
37             R.drawable.ctt,
38         )
39         textId = resources.getStringArray(R.array.porodi_cat)
40         textBonkId = resources.getStringArray(R.array.opisanie_cat)
41
42         textBonkId = resources.getStringArray(R.array.opisanie_cat)
43         recyclerView = findViewById(R.id.recyclerView)
44         recyclerView.layoutManager = LinearLayoutManager(context, this)
45         recyclerView.setHasFixedSize(true)
46         arrayList = ArrayList<DataClass>()
47         getUserdata()
48     }
49 }
```

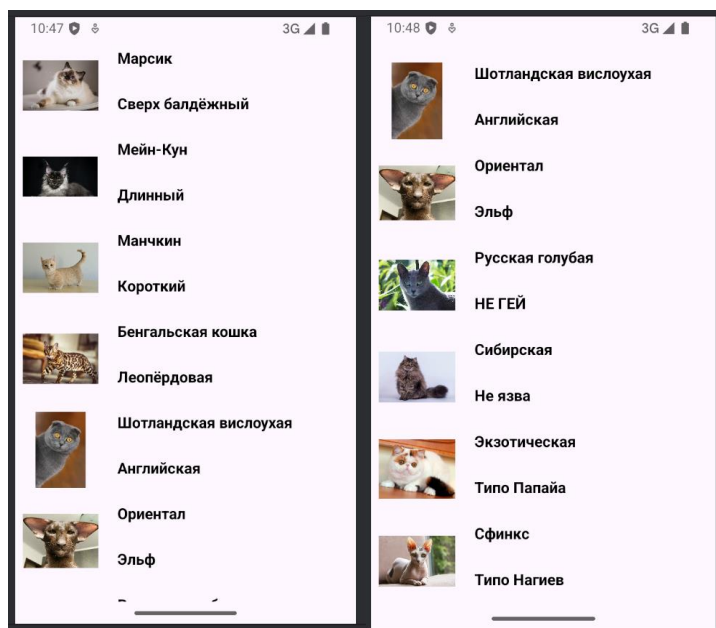
```
... 3  data class DataClass(var titleImage : Int , var heading : String ,var bonktxt
4  : String)
```

```

11
12 class MyAdapter(private val newList : ArrayList<DataClass>) : RecyclerView.Adapter<MyAdapter.MyViewHolder>() {
13     override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
14         MyViewHolder {
15         val itemView =
16             LayoutInflater.from(parent.context).inflate(R.layout.list_item,
17                 parent, attachToRoot: false)
18             return MyViewHolder(itemView)
19         }
20     override fun getItemCount(): Int {
21         return newList.size
22     }
23     override fun onBindViewHolder(holder: MyViewHolder, position: Int) {
24         val currentItem = newList[position]
25         holder.imageView.setImageResource(currentItem.titleImage)
26         holder.txtHead.text = currentItem.heading
27         holder.txtBonk.text = currentItem.bonktxt
28     }
29     class MyViewHolder(itemView: View) : RecyclerView.ViewHolder(itemView) {
30         val imageView : ShapeableImageView =
31             itemView.findViewById(R.id.imageItem)
32         val txtHead : TextView = itemView.findViewById(R.id.txtItem)
33         val txtBonk : TextView = itemView.findViewById(R.id.txtBonk)
34     }
35
36
37 }

```

Результат :



Всё крутится вертится, всё работает