

activity_main:

```
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
11     <androidx.recyclerview.widget.RecyclerView
12         android:id="@+id/recyclerView"
13         android:layout_width="match_parent"
14         android:layout_height="match_parent"/>
15
16
17 </androidx.constraintlayout.widget.ConstraintLayout>
```

list_item:

```
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:layout_width="match_parent"
7      android:layout_height="wrap_content"
8      android:padding="8dp">
9
10     <com.google.android.material.imageview.ShapeableImageView
11         android:id="@+id/imageItem"
12         android:layout_width="80dp"
13         android:layout_height="80dp"
14         android:src="@drawable/cat"
15         app:layout_constraintStart_toStartOf="parent"
16         app:layout_constraintTop_toTopOf="parent" />
17
18     <TextView
19         android:id="@+id/txtItem"
20         android:layout_width="0dp"
21         android:layout_height="wrap_content"
22         android:text="Cat u r not funny "
23         android:layout_marginStart="20dp"
24         android:textColor="@color/black"
25         android:textSize="16sp"
26         android:textStyle="bold"
27         app:layout_constraintEnd_toEndOf="parent"
28         app:layout_constraintStart_toEndOf="@+id/imageItem"
29         app:layout_constraintTop_toTopOf="parent" />
30
31     <TextView
32         android:id="@+id/txtBonk"
33         android:layout_width="0dp"
34         android:layout_height="wrap_content"
35         android:layout_marginStart="20dp"
36         android:layout_marginTop="48dp"
37         android:text="Bonkk "
38         android:textColor="@color/black"
39         android:textSize="16sp"
40         android:textStyle="bold"
41         app:layout_constraintEnd_toEndOf="parent"
42         app:layout_constraintHorizontal_bias="0.0"
43         app:layout_constraintStart_toEndOf="@+id/imageItem"
44         app:layout_constraintTop_toTopOf="parent" />
```

MainActivity:

```
11 class MainActivity : AppCompatActivity() {
12     private lateinit var newRecyclerView : RecyclerView
13     private lateinit var newArrayList : 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
28         imageid = arrayOf(
29             R.drawable.funny_wombat,
30             R.drawable.lasiorhinus_krefftii,
31             R.drawable.lasiorhinus_latifrons,
32             R.drawable.vombatus_ursinus
33         )
34
35         textId = resources.getStringArray(R.array.porodi_cat)
36         textBonkId = resources.getStringArray(R.array.opisanie_cat)
37
38         newRecyclerView = findViewById(R.id.recyclerView)
39         newRecyclerView.layoutManager = LinearLayoutManager(context: this)
40         newRecyclerView.setHasFixedSize(true)
41
42         newArrayList = arrayListOf<DataClass>()
43         getUserdata()
44     }
45
46     private fun getUserdata() {
47         for (i in imageid.indices)
48         {
49             val data = DataClass(imageid[i],textId[i],textBonkId[i])
50             newArrayList.add(data)
51         }
52         newRecyclerView.adapter = MyAdapter(newArrayList)
53     }
```

MyAdapter:

```
12 class MyAdapter(private val newList : ArrayList<DataClass>) :
13     RecyclerView.Adapter<MyAdapter.MyViewHolder>() {
14     override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
15         MyViewHolder {
16         val itemView =
17             LayoutInflater.from(parent.context).inflate(R.layout.list_item,
18                 parent, attachToRoot: false)
19         return MyViewHolder(itemView)
20     }
21
22     override fun getItemCount(): Int {
23         return newList.size
24     }
25
26     override fun onBindViewHolder(holder: MyViewHolder, position: Int) {
27         val currentItem = newList[position]
28         holder.imageView.setImageResource(currentItem.titleImage)
29         holder.txtHead.text = currentItem.heading
30         holder.txtBonk.text = currentItem.bonktxt
31
32         holder.itemView.setOnClickListener {
33             if (position == 0) {
34                 Toast.makeText(holder.itemView.context, text: "HAHA VERY FUNNY WOMBAT",
35                     Toast.LENGTH_SHORT).show()
36             }
37             if (position == 1) {
38                 Toast.makeText(holder.itemView.context, text: "COOL WOMBAT",
39                     Toast.LENGTH_SHORT).show()
40             }
41             if (position == 2) {
42                 Toast.makeText(holder.itemView.context, text: "VERY COOL WOMBAT",
43                     Toast.LENGTH_SHORT).show()
44             }
45             if (position == 3) {
46                 Toast.makeText(holder.itemView.context, text: "BASED WOMBAT",
47                     Toast.LENGTH_SHORT).show()
48             }
49         }
50     }
51
52     class MyViewHolder(itemView: View) : RecyclerView.ViewHolder(itemView) {
53         val imageView : ShapeableImageView = itemView.findViewById(R.id.imageItem)
54         val txtHead : TextView = itemView.findViewById(R.id.txtItem)
55         val txtBonk : TextView = itemView.findViewById(R.id.txtBonk)
```

DataClass:

```
1 package com.example.lesseightapp
2
3 data class DataClass(var titleImage : Int , var heading : String , var bonktxt: String)
```

strings:

```
1  <resources>
2      <string name="app_name">lessonEightApp</string>
3      <string-array name="porodi_cat">
4          <item>Funny Wombat</item>
5          <item>Lasiiorhinus krefftii</item>
6          <item>Lasiiorhinus latifrons</item>
7          <item>Vombatus ursinus</item>
8      </string-array>
9
10     <string-array name="opisanie_cat">
11         <item>Best of the best Wombat all over the world</item>
12         <item>Hairy wombat</item>
13         <item>Another hairy wombat</item>
14         <item>The bald wombat</item>
15     </string-array>
16 </resources>
```

result:

