

MainActivity.kt
activity_main.xml
list_item.xml
MyAdapter.kt
Data.kt
strings.xml

```

1 package com.example.recycleview
2
3 import androidx.recyclerview.widget.RecyclerView
4
5 class MainActivity : AppCompatActivity() {
6     private lateinit var recyclerView : RecyclerView
7     private lateinit var dataList : ArrayList<DataClass>
8     private lateinit var imageId : Array<Int>
9     private lateinit var textId : Array<String>
10    private lateinit var textBankId : Array<String>
11
12    override fun onCreate(savedInstanceState: Bundle?) {
13        super.onCreate(savedInstanceState)
14        enableEdgeToEdge()
15        setContentView(R.layout.activity_main)
16        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) { v, insets ->
17            val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
18            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
19            insets
20        }
21
22        imageId = arrayOf(
23            R.drawable.archi,
24            R.drawable.dali,
25            R.drawable.vang,
26            R.drawable.d,
27            R.drawable.g,
28            R.drawable.h,
29            R.drawable.c,
30            R.drawable.s,
31            R.drawable.h,
32            R.drawable.i,
33        )
34
35        textId = resources.getStringArray(R.array.gorodi_cat)
36        textBankId = resources.getStringArray(R.array.opisania_cat)
37        recyclerView = findViewById(R.id.recycleView)
38        recyclerView.layoutManager = LinearLayoutManager(this)
39        recyclerView.setHasFixedSize(true)
40        dataList = ArrayList<DataClass>()
41        getUserdata()
42    }
43
44    private fun getUserdata() {
45        for (i in imageId.indices) {
46            val data = DataClass(imageId[i], textId[i], textBankId[i])
47            dataList.add(data)
48        }
49        recyclerView.adapter = MyAdapter(dataList)
50    }
51 }

```

```

MainActivity.kt  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  si
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     <ImageView
11         android:background="@drawable/q"
12         android:layout_width="wrap_content"
13         android:layout_height="wrap_content"/>
14     <androidx.recyclerview.widget.RecyclerView
15         android:id="@+id/recyclerView"
16         android:layout_width="match_parent"
17         android:layout_height="match_parent"/>
18
19 </androidx.constraintlayout.widget.ConstraintLayout>

```

```

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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: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/grchi"
14         app:layout_constraintStart_toStartOf="parent"
15         app:layout_constraintTop_toTopOf="parent" />
16     <TextView
17         android:id="@+id/txtItem"
18         android:layout_width="80dp"
19         android:layout_height="wrap_content"
20         android:text="Apvww."
21         android:layout_marginStart="28dp"
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>

```

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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="Camu8 apyru8 n8cx8" ~
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>

```

```

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1 package com.example.recycleview
2
3 import
4
5
6
7
8
9
10
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 : ShapesableImageView =
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

```

```

MainActivity.kt  activity_main.xml  list_item.xml  MyAdapter.kt  Data.kt  strings.xml
1 package com.example.recycleview
2
3 data class DataClass(var titleImage : Int , var heading : String , var bonktxt
4 : String)

```

```

1 <resources>
2   <string name="app_name">Practice8</string>
3   <string-array name="gorodi_cat">
4     <item>Арчи-Арчибалд дворянка</item>
5     <item>Дели-Восточно-Европейская овчарка</item>
6     <item>Вега-дочь Арчи и Дели :/</item>
7     <item>Менецкий дог</item>
8     <item>Кокер Спаниель</item>
9     <item>Волкобой</item>
10    <item>Самоед</item>
11    <item>Маламут</item>
12    <item>Корги</item>
13    <item>Сенбернар</item>
14  </string-array>
15
16  <string-array name="opisanie_cat">
17    <item>Мой любимый пёсик, временами чумачечий</item>
18    <item>Была чёкнутой сейчас стала адекватной</item>
19    <item>Тут лучше промолчу...</item>
20    <item>Просто мечта, огромный добрый пёс</item>
21    <item>Просто мила</item>
22    <item>Ну волк</item>
23    <item>Момок пуха</item>
24    <item>Что-то жутит</item>
25    <item>Мини овчарка</item>
26    <item>Крутой тип</item>
27  </string-array>
28 </resources>

```