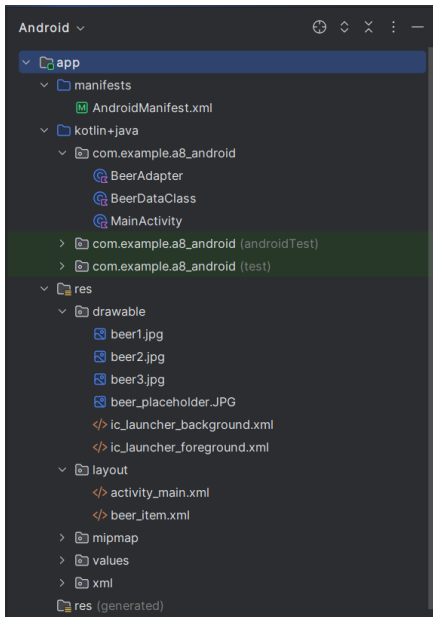# Практика 8

Структура:

MainActivity:

```kotlin
class MainActivity : AppCompatActivity() {
    private lateinit var recyclerView: RecyclerView
    private lateinit var beerArrayList: ArrayList<BeerDataClass>
    private lateinit var imageIds: Array<Int>
    private lateinit var titles: Array<String>
    private lateinit var descriptions: Array<String>
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        recyclerView = findViewById(R.id.newRecycleView)
        recyclerView.layoutManager = LinearLayoutManager( context: this)
        recyclerView.setHasFixedSize(true)
        imageIds = arrayOf(R.drawable.beer1, R.drawable.beer2, R.drawable.beer3)
        titles = resources.getStringArray(R.array.beer_titles)
        descriptions = resources.getStringArray(R.array.beer_descriptions)
        beerArrayList = arrayListOf()
        getBeerData()
        recyclerView.adapter = BeerAdapter(beerArrayList)
    }
    private fun getBeerData() {
        for (i in imageIds.indices) {
            val beer = BeerDataClass(imageIds[i], titles[i], descriptions[i])
            beerArrayList.add(beer)
        }
    }
}
```

BeerAdapter:

```kotlin
class BeerAdapter(private val beerList: ArrayList<BeerDataClass>) :
    RecyclerView.Adapter<BeerAdapter.BeerViewHolder>() {
    override fun onCreateViewHolder(parent: ViewGroup, viewType: Int): BeerViewHolder {
        val itemView = LayoutInflater.from(parent.context).inflate(R.layout.beer_item, parent, attachToRoot: false)
        return BeerViewHolder(itemView)
    }
    override fun getItemCount(): Int {
        return beerList.size
    }
    override fun onBindViewHolder(holder: BeerViewHolder, position: Int) {
        val currentItem = beerList[position]
        holder.imageView.setImageResource(currentItem.imageResource)
        holder.txtTitle.text = currentItem.title
        holder.txtDescription.text = currentItem.description
        holder.itemView.setOnClickListener {
            Toast.makeText(holder.itemView.context, text: "Вы нажали на ${currentItem.title}", Toast.LENGTH_SHORT).sh
        }
    }
    class BeerViewHolder(itemView: View) : RecyclerView.ViewHolder(itemView) {
        val imageView: ShapeableImageView = itemView.findViewById(R.id.imageBeer)
        val txtTitle: TextView = itemView.findViewById(R.id.txtTitle)
        val txtDescription: TextView = itemView.findViewById(R.id.txtDescription)
    }
}
```

String:

```xml
<resources>
    <string name="app_name">8_android</string>
    <string-array name="beer_titles">
        <item>Жигулевское</item>
        <item>Эсса</item>
        <item>Гараж</item>
    </string-array>
    <string-array name="beer_descriptions">
        <item>Дешман, но норм</item>
        <item>Для 14 леток</item>
        <item>Ну норм</item>
    </string-array>
</resources>
```

Итог: