Activity_main Добавляем на основной экран элемент списка Recycle View

List_item

```
<TextView
        android:id="@+id/txtItem"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:text="Title"
        android:layout_marginStart="20dp"
       android:textColor="@color/black"
        android:textSize="16sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@+id/imageItem"
        app:layout_constraintTop_toTopOf="parent" />
    <TextView
        android:id="@+id/txtBonk"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="20dp"
        android:layout_marginTop="48dp"
        android:text="Description"
       android:textColor="@color/black"
       android:textSize="16sp"
       android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@+id/imageItem"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

DataClass:

```
data class ElementData(val imageResource: Int, val title: String, val description: String)
```

MyAdapter:

```
class EtementAdapter(private val itemList: ArrayList<EtementOata>): RecyclerView.Adapter<EtementAdapter<EtementViewHolder

override fun onCreateViewHolder(parent: ViewGroup, viewType: Int): ElementViewHolder {
    val itemView = LayoutInflater.from(parent.context).inflate(R.layout.list.itee, parent, stachToRoot false)
    return EtementViewHolder(itemView)
}

override fun onBindViewHolder(itemView)
}

override fun onBindViewHolder(holden: ElementViewHolder, position: Int) {
    val currentItem = itemList[position]
    holder.inaegview.setInaegeResource(currentItem.imageResource)
    holder.ittleTextView.text = currentItem.title
    holder.descriptionTextView.text = currentItem.description

holder.itemView.setOnClickListener {
    if (position = 0) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на водород", Toast.LENGTH_SHORT).show()
    } else if (position = 1) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на гелий", Toast.LENGTH_SHORT).show()
    } else if (position = 2) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на питий", Toast.LENGTH_SHORT).show()
    } else if (position = 2) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на питий", Toast.LENGTH_SHORT).show()
    } else if (position = 2) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на питий", Toast.LENGTH_SHORT).show()
    } else if (position = 2) {
        Toast.makeText(holder.itemView.context, lext "Bы нажали на питий", Toast.LENGTH_SHORT).show()
        val imageView: ShapeableImageView = itemView.findViewById(R.id.imageItem)
        val titleTextView: TextView = itemView.findViewById(R.id.txtItem)
        val titleTextView: TextView = itemView.findViewById(R.id.txtBonk)
}
}
```

MainActivity:

```
titles = resources.getStringArray(R.array.elements)
descriptions = resources.getStringArray(R.array.description)

recyclerView = findViewById(R.id.recyclerView)
recyclerView.layoutManager = LinearLayoutManager(context this)
recyclerView.setHasFixedSize(true)

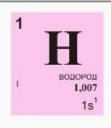
itemList = arrayListOf()
loadData()

recyclerView.adapter = ElementAdapter(itemList)
}

private fun loadData() {
  for (i in images.indices) {
    val element = ElementData(images[i], titles[i], descriptions[i])
    itemList.add(element)
}
}
```

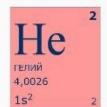
String

Функционал приложения



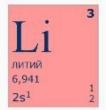
Водород

Атомный номер 1



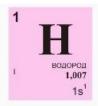
Гелий

Атомный номер 2



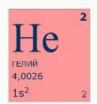
Литий

Атомный номер 3



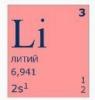
Водород

Атомный номер 1



Гелий

Атомный номер 2



Литий

Атомный номер 3



Вы нажали на водород