Задание 7
Activity_main

```xml
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".MainActivity"
    android:background="@drawable/forest">

    <ListView
        android:id="@+id/lvMain"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
    />

</LinearLayout>
```

MainActivity

```kotlin
package com.example.asdfgyhujikl

import android.content.Context
import android.os.Bundle
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.ArrayAdapter
import android.widget.ImageView
import android.widget.ListView
import android.widget.TextView
import android.widget.Toast
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)

        val items = listOf(
            ListItem(R.drawable.fox, text: "Fox1", action: "Action1"),
            ListItem(R.drawable.fox, text: "Fox2", action: "Action2"),
            ListItem(R.drawable.fox, text: "Fox3", action: "Action3"),
            ListItem(R.drawable.fox, text: "Fox4", action: "Action4"),
            ListItem(R.drawable.fox, text: "Fox5", action: "Action5"),
        )

        val listView: ListView = findViewById(R.id.lvMain)

        val arrayAdapter = AdapterList( context: this, items)
        listView.adapter = arrayAdapter
```

```kotlin
        listView.setOnItemClickListener { parent, view, position, id ->
            val selectedItem = items[position]

            when(selectedItem.action) {
                "Action1" -> {
                    Toast.makeText( context: this, text: "Первый элемент списка", Toast.LENGTH_SHORT).show()
                }
                "Action2" -> {
                    Toast.makeText( context: this, text: "Второй элемент списка", Toast.LENGTH_SHORT).show()
                }
                "Action3" -> {
                    Toast.makeText( context: this, text: "Четвертый элемент списка", Toast.LENGTH_SHORT).show()
                }
            }
        }
    }
}

data class ListItem(val imageR: Int, val text: String, val action: String) {

}

class AdapterList(context: Context, private val items: List<ListItem>): ArrayAdapter<ListItem>(context, resource: 0, items) {

    override fun getView(position: Int, convertView: View?, parent: ViewGroup): View {
        val item = getItem(position)
        val view = convertView ?: LayoutInflater.from(context).inflate(R.layout.list_view, parent, attachToRoot: false)

        val imageView: ImageView = view.findViewById(R.id.imageView)
        val textView: TextView = view.findViewById(R.id.tvList)

        item?.let {
            imageView.setImageResource(it.imageR)
            textView.text = it.text
        }
        return view
    }
}
```

list_view

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="horizontal"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_margin="15dp"
        android:src="@drawable/fox"
    />

    <TextView
        android:id="@+id/tvList"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="text"
        android:textSize="30sp"
        android:layout_margin="15dp"
        android:textColor="#AA9977"
    />

</LinearLayout>
```

Работа приложения: