

Pracice7

MainActivity

```
package com.example.myapplication7

import android.media.MediaPlayer
import android.os.Bundle
import android.provider.MediaStore.Audio.Media
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
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
v, insets ->
            val systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
systemBars.bottom)
            insets
        }

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

        }
        class AdapterList(context: MainActivity, private val
items:List<ListItem>):ArrayAdapter<ListItem>(context,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_item,parent,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
            }
        }

        val items = listOf<ListItem>(
            ListItem(R.drawable.coolcat,"Cool musik","Action1"),
            ListItem(R.drawable.crying,"Crying musik","Action2"),
            ListItem(R.drawable.happycat,"Happy musik","Action3"),
            ListItem(R.drawable.sadcat,"Sad musik","Action4"),
```

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    )

    val listView : ListView = findViewById(R.id.lvMain)
    val adapter = AdapterList(this, items)
    listView.adapter = adapter
    //Добавление кликабельности объектов в списке listView
    listView.setOnItemClickListener { parent, view, position, id ->
        val selectedItem = items[position]
        when(selectedItem.action){
            "Action1" -> {
                Toast.makeText(this, "Первый элемент списка",
                    Toast.LENGTH_SHORT).show()
                var mp = MediaPlayer.create(this, R.raw.coolmusic)
                if (mp.isPlaying) mp.stop()
                else mp.start()
            }
            "Action2" -> {
                Toast.makeText(this, "Второй элемент списка",
                    Toast.LENGTH_SHORT).show()
                var mp = MediaPlayer.create(this, R.raw.crying)
                if (mp.isPlaying) mp.stop()
                else mp.start()
            }
            "Action3" -> {
                Toast.makeText(this, "Третий элемент списка",
                    Toast.LENGTH_SHORT).show()
                var mp = MediaPlayer.create(this, R.raw.happymusic)
                if (mp.isPlaying) mp.stop()
                else mp.start()
            }
            "Action4" -> {
                Toast.makeText(this, "Четвертый элемент списка",
                    Toast.LENGTH_SHORT).show()
                var mp = MediaPlayer.create(this, R.raw.sadmusic)
                if (mp.isPlaying) mp.stop()
                else mp.start()
            }
        }
    }
}
}
}

```

Подключаем плеер к нажатию на ListItem

Загружаем картинки и музыку в проект, теперь при нажатии будет играть музыка и при повторном нажатии музыка остановится

Activity_main

```

<?xml version="1.0" encoding="utf-8"?>
<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"
    tools:context=".MainActivity"
    android:orientation="vertical"
    android:background="@color/pink">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/main1"
    >

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        android:textSize="29sp"
        android:layout_gravity="center"
        android:background="@color/pink"

    />

    <ListView
        android:id="@+id/lvMain"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintEnd_toEndOf="parent"

    />

</LinearLayout>

```

List_item.xml

```

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

    <ImageView
        android:id="@+id/ImageView"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_margin="15dp"
        android:src="@drawable/crying"
        android:layout_gravity="center"
    />

    <TextView
        android:id="@+id/tvList"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="crying cat"
        android:textSize="45sp"
        android:layout_margin="15dp"
        android:layout_gravity="center"
        android:textColor="@color/black"
    />

</LinearLayout>

```

Result

09:06

2.73 KB/s 4G 80 %

Топ плейлист



Cool musik



Crying musik

