

CheckBox

Выполнили: Бурова Екатерина

Кахнович Мария

Activity_main.xml

```
<?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"
    android:padding="50dp"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:padding="10dp">
        <CheckBox
            android:id="@+id/cbCar"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Машина"/>

        <CheckBox
            android:id="@+id/cbBus"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Автобус"/>

        <CheckBox
            android:id="@+id/cbTraktor"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Трактор"/>
    </LinearLayout>

    <Button
        android:id="@+id/btnChoose"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="Выбор" />

    <TextView
        android:id="@+id/tvChoose"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="16sp"
        android:layout_gravity="center"
        />
</LinearLayout>
```

MainActivity

```
activity_main.xml  strings.xml  MainActivity.kt  AndroidManifest.xml  build.gradle.kts (:app)

1 package com.example.lb5
2
3
4 import android.os.Bundle
5 import android.widget.Button
6 import android.widget.TextView
7 import androidx.activity.enableEdgeToEdge
8 import androidx.appcompat.app.AppCompatActivity
9 import androidx.core.view.ViewCompat
10 import androidx.core.view.WindowInsetsCompat
11 import com.example.lb5.databinding.ActivityMainBinding
12
13
14
15 class MainActivity : AppCompatActivity() {
16     private lateinit var binding: ActivityMainBinding
17
18     override fun onCreate(savedInstanceState: Bundle?) {
19         super.onCreate(savedInstanceState)
20
21
22         enableEdgeToEdge()
23
24
25         binding = ActivityMainBinding.inflate(layoutInflater)
26         setContentView(binding.root)
27
```

```
28
29     ViewCompat.setOnApplyWindowInsetsListener(binding.main) { v, insets ->
30         val systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars())
31         v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom)
32         insets
33     }
34
35     val btn: Button = binding.btnChoose
36     val tvChos: TextView = binding.tvChoose
37
38
39     btn.setOnClickListener {
40         val result = StringBuilder()
41         if (binding.cbCar.isChecked) {
42             tvChos.text = binding.cbCar.text
43         } else if (binding.cbBus.isChecked) {
44             tvChos.text = binding.cbBus.text
45         }
46     }
47 }
48
49
```

viewBinding

```
activity_main.xml  strings.xml  MainActivity.kt  AndroidManifest.xml  build.gradle.kts (:app)

You can use the Project Structure dialog to view and edit your project configuration Open (Ctrl+Alt+Shi

K2 Kotlin Mode: Kotlin scripting is not fully supported.

6 android {
10     defaultConfig {
18     }
19     buildFeatures{
20         dataBinding = true
21         viewBinding = true
22     }
```

Запускаем приложение

