

Практическая работа 4 Кирюшкин Артём Евгеньевич ИС221

```
activity_main.xml | colors.xml | strings.xml | MainActivity.kt x
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
        }

        val btnBeer = findViewById<Button>(R.id.btnBeer)
        val tvBeer = findViewById<TextView>(R.id.tvBeer)
        val spinBeer = findViewById<Spinner>(R.id.spinBeer)
        val recSort = findViewById<TextView>(R.id.recSort)
        val imageBeer = findViewById<ImageView>(R.id.imageBeer)

        val variety = arrayOf("Балтика 7", "Балтика 9", "Охота Крепкая", "Хугарден", "Хайнекен")

        btnBeer.setOnClickListener {
            val type = spinBeer.selectedItem
            tvBeer.text = ("Выбранное тобой пиво: $type")

            if (type == "Балтика 7") imageBeer.setImageResource(R.drawable.bal7)
            if (type == "Балтика 9") imageBeer.setImageResource(R.drawable.bal9)
            if (type == "Охота Крепкая") imageBeer.setImageResource(R.drawable.ohota)
            if (type == "Хугарден") imageBeer.setImageResource(R.drawable.hug)
            if (type == "Хайнекен") imageBeer.setImageResource(R.drawable.hainec)

            var identically = true
            var recBeer = ""
            while (identically == true) {
                recBeer = variety.random().toString()
                if (recBeer != type) identically = false
            }
        }
    }
}
```

```
activity_main.xml | colors.xml | strings.xml x | MainActivity.kt
1 <resources>
2     <string name="app_name">beer App</string>
3     <string-array name="typeBeer">
4         <item>Балтика 7</item>
5         <item>Охота Крепкая</item>
6         <item>Хайнекен</item>
7         <item>Хугарден</item>
8         <item>Балтика 9</item>
9     </string-array>
10    <string name="textBeer">Твой тип пива</string>
11    <string name="btn">Кнопка</string>
12 </resources>
```

```
activity_main.xml | colors.xml x | strings.xml | MainActivity.kt
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="black">#FF000000</color>
4     <color name="white">#FFFFFFF</color>
5     <color name="textColor">#E0FFFF</color>
6     <color name="background">#FFA07A</color>
7     <color name="backgroundSpin">#FFB6C1</color>
8 </resources>
```

```
activity_main.xml x colors.xml strings.xml MainActivity.kt
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:id="@+id/main"
6   android:layout_width="match_parent"
7   android:layout_height="match_parent"
8   android:padding="50dp"
9   android:orientation="vertical"
10  tools:context=".MainActivity"
11  android:background="@color/background">
12
13  <TextView
14    android:id="@+id/tvBeer"
15    android:layout_width="wrap_content"
16    android:layout_height="wrap_content"
17    android:text="@string/textBeer"
18    android:layout_gravity="center"
19    android:layout_margin="10dp"
20    android:textSize="36sp"
21    android:textColor="@color/textColor"/>
22
23  <Spinner
24    android:id="@+id/spinBeer"
25    android:layout_width="100dp"
26    android:layout_height="35dp"
27    android:layout_gravity="center"
28    android:layout_margin="10dp"
29    android:background="@color/backgroundSpin"
30    android:entries="@array/typeBeer"
31    android:popupBackground="@color/backgroundSpin" />
32
33  <androidx.appcompat.widget.AppCompatButton
34    android:id="@+id/btnBeer"
35    android:layout_width="wrap_content"
36    android:layout_height="wrap_content"
37    android:text="@string/btn"
38    android:layout_gravity="center"
39    android:layout_margin="10dp"
40    android:background="@drawable/gradient_btn"/>
41
42  <ImageView
43    android:id="@+id/imageBeer"
44    android:layout_width="200sp"
45    android:layout_height="200sp"
46    android:layout_gravity="center"
47    android:layout_margin="10dp"/>
48
49  <TextView
50    android:id="@+id/recSort"
51    android:layout_width="wrap_content"
52    android:layout_height="wrap_content"
53    android:layout_gravity="center"
54    android:layout_margin="10dp"
55    android:textSize="25sp"
56    android:textColor="@color/textColor"/>
57
58 </LinearLayout>
59
```

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