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activity_main.xml MainActivity.kt strings.xml
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:orientation="vertical"
9     tools:context=".MainActivity">
10     <Chronometer
11         android:id="@+id/textTime"
12         android:layout_width="wrap_content"
13         android:layout_height="wrap_content"
14         android:textSize="80sp"
15         android:layout_gravity="center"
16     />
17     <Button
18         android:id="@+id/btnStart"
19         android:layout_width="wrap_content"
20         android:layout_height="wrap_content"
21         android:text="Start"
22         android:layout_gravity="center"
23     />
24     <Button
25         android:id="@+id/btnPause"
26         android:layout_width="wrap_content"
27         android:layout_height="wrap_content"
28         android:text="Pause"
29
30         android:layout_gravity="center"
31     />
32     <Button
33         android:id="@+id/btnReset"
34         android:layout_width="wrap_content"
35         android:layout_height="wrap_content"
36         android:text="Reset"
37         android:layout_gravity="center"
38     />
39 </LinearLayout>
```

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package com.example.sekundomer_ruslan

import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {

    // Переменные для хранения состояния хронометра
    lateinit var chronometr: Chronometer // Хронометр
    var running: Boolean = false // Хронометр работает?
    var offset: Long = 0 // Базовое смещение

    // Добавление строк для ключей, используемых с Bundle
    val OFFSET_KEY = "offset"
    val RUNNING_KEY = "running"
    val BASE_KEY = "base_key"

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

        // Настройка insets для корректного отображения с edge-to-edge
        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
        }

        // Объявление переменных
        chronometr = findViewById(R.id.textTime)
        val btnStart = findViewById<Button>(R.id.btnStart)
        val btnPause = findViewById<Button>(R.id.btnPause)
        val btnReset = findViewById<Button>(R.id.btnReset)

        // Восстановление предыдущего состояния
        if (savedInstanceState != null) {
            offset = savedInstanceState.getLong(OFFSET_KEY)
            running = savedInstanceState.getBoolean(RUNNING_KEY)
            if (running) {
                chronometr.base = savedInstanceState.getLong(BASE_KEY)
                chronometr.start()
            } else {
                setBaseTime()
            }
        }
    }
}

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<resources>

    <string name="app_name">Sekundomer</string>
    <string name="start">Start</string>
    <string name="pause">Pause</string>
    ⚡ <string name="reset">Reset</string>

</resources>

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activity_main.xml MainActivity.kt colors.xml strings.xml AndroidManifest.xml

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1  <?xml version="1.0" encoding="utf-8"?>
2  <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:tools="http://schemas.android.com/tools">
4
5      <application
6          android:allowBackup="true"
7          android:dataExtractionRules="@xml/data_extraction_rules"
8          android:fullBackupContent="@xml/backup_rules"
9          android:icon="@mipmap/ic_launcher"
10         android:label="@string/app_name"
11         android:roundIcon="@mipmap/ic_launcher_round"
12         android:supportsRtl="true"
13         android:theme="@style/Theme.Sekundomer"
14         tools:targetApi="31">
15         <activity
16             android:name=".MainActivity"
17             android:exported="true">
18             <intent-filter>
19                 <action android:name="android.intent.action.MAIN" />
20
21                 <category android:name="android.intent.category.LAUNCHER" />
22             </intent-filter>
23         </activity>
24     </application>
25
26 </manifest>

```

