

Задание 6

Activity_main

```
<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">

    <Chronometer
    android:id="@+id/textTime"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="80sp"
    android:layout_marginTop="80dp"
    android:layout_gravity="center"/>

    <Button
    android:id="@+id/btnStart"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/start"
    android:layout_gravity="center"/>

    <Button
    android:id="@+id/btnPause"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/pause"
    android:layout_gravity="center" />

    <Button
    android:id="@+id/btnReset"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/reset"
    android:layout_gravity="center" />

</LinearLayout>
```

MainActivity

```
package com.example.asdfgyhujikl

import ...

class MainActivity : AppCompatActivity() {

    private lateinit var binding : ActivityMainBinding

    lateinit var chronometer: Chronometer
    var running : Boolean = false
    var offset : Long = 0

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        binding = ActivityMainBinding.inflate(layoutInflater)
        setContentView(binding.root)

        chronometer = findViewById(R.id.textTime)

        binding.btnStart.setOnClickListener {
            if (!running) {
                setBaseTime()
                chronometer.start()
                running = true;
            }
        }

        binding.btnPause.setOnClickListener {
            if (running) {
                saveOffset()
                chronometer.stop()
                running = false
            }
        }

        binding.btnReset.setOnClickListener {
            offset = 0
            setBaseTime()
            running = false
        }
    }
}
```

```
private fun saveOffset() {
    offset = SystemClock.elapsedRealtime() - chronometer.base
}

private fun setBaseTime() {
    chronometer.base = SystemClock.elapsedRealtime() - offset
}

}
```

Работа приложения:

