Practice6

MainActivity

```kotlin
package com.example.myapplication6

import android.os.Bundle
import android.os.SystemClock
import android.widget.Button
import android.widget.Chronometer
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat

class MainActivity : AppCompatActivity() {
    lateinit var chronometer: Chronometer
    var running : Boolean = false
    var offset : Long = 0
    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
        }
        chronometer = findViewById(R.id.time)
        val btnStart = findViewById<Button>(R.id.btStart)
        val btnPause = findViewById<Button>(R.id.btPause)
        val btnReset = findViewById<Button>(R.id.btReset)
        fun saveOffset(){
            offset = SystemClock.elapsedRealtime() - chronometer.base
        }
        fun setBaseTime(){
            chronometer.base = SystemClock.elapsedRealtime() - offset
        }
        btnStart.setOnClickListener {
            if(!running){
                setBaseTime()
                chronometer.start()
                running = true
            }
        }
        btnPause.setOnClickListener {
            if (running){
                saveOffset()
                chronometer.stop()
                running = false
            }
        }
        btnReset.setOnClickListener {
            offset = 0
            setBaseTime()
            running = false
        }
    }
}
```

string

```xml
<resources>
    <string name="app_name">Secundomer</string>
    <string name="pause">Пауза</string>
    <string name="start">Старт</string>
    <string name="reset">Перезапуск</string>
    <string name="chronometr">Секундомер Супер Крутой</string>
    <string name="nameMy">prod by evgeniy</string>
</resources>
```

Colors

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="backroung">#FADADD</color>
    <color name="Button">#EB5284</color>
    <color name="chronometr">#FDBDBA</color>
</resources>
```

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"
    tools:context=".MainActivity"
    android:orientation="vertical"
    android:background="@color/backroung"
    android:weightSum="4"
    >

    <TextView
        android:id="@+id/mainText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/chronometr"
        android:layout_gravity="center"
        android:textSize="30sp"
        android:textColor="@color/black"
         />
    <Chronometer
        android:id="@+id/time"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:textAllCaps="true"
        android:textSize="80sp"
        android:textColor="@color/black"
        />
    <Button
        android:id="@+id/btStart"
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="150dp"
        android:text="@string/start"
        android:backgroundTint="@color/Button"
        android:layout_weight="1"

        />
    <Button
```

```xml
            android:id="@+id/btPause"
            android:layout_width="250dp"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="@string/pause"
            android:backgroundTint="@color/Button"
            android:layout_marginTop="30dp"
            android:layout_weight="1"
            />
    <Button
            android:id="@+id/btReset"
            android:layout_width="250dp"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:layout_marginTop="30dp"
            android:text="@string/reset"
            android:backgroundTint="@color/Button"
            android:layout_weight="1"
            />
    <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:text="@string/nameMy"
            android:gravity="center"
            android:layout_marginBottom="1px"
            />

</LinearLayout>
```

Result

Секундомер Супер Крутой

00:00

Старт

Пауза

Перезапуск

prod by evgeniy

Секундомер Супер Крутой

00:03

Старт

Пауза

Перезапуск

prod by evgeniy