Практическая работа (Приложение секундомер)

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Xml:

```
√> activity_main.xml ×

                                     MainActivity.kt
                                                         M AndroidManifest.xml
       <?xml version="1.0" encoding="utf-8"?>
  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
          android:layout_width="match_parent"
          android:layout_height="match_parent"
           android:orientation="vertical"
          android:gravity="center"
           android:background="#77DD"
           <Chronometer
             android:id="@+id/textTime"
              android:layout_gravity="center"
              android:layout_marginBottom="32dp"
              android:id="@+id/btnStart"
              android:layout_width="wrap_content"
              android:layout_height="wrap_content"
              android:layout_gravity="center"
              android:layout_marginBottom="16dp"
```

```
<Button
             android:id="@+id/btnPause"
             android:layout_width="wrap_content"
             android:layout_height="wrap_content"
             android:text="@string/pause"
             android:layout_gravity="center"
             android:layout_marginBottom="16dp"
             android:backgroundTint="#FF9800"
            android:textColor="#FFFFFF" />
<Button
             android:id="@+id/btnReset"
             android:layout_width="wrap_content"
             android:layout_height="wrap_content"
             android:text="@string/reset"
             android:layout_gravity="center"
             android:backgroundTint="#F44336"
</LinearLayout>
```

```
btnStart.setOnClickListener {
    if (!punning) {
        setBaseTime()
        chronometr.start()
        running = true
    }
}

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

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

private fun saveOffset() { 1Usage
    offset = SystemClock.elapsedRealtime() - chronometr.base
    }
}

private fun setBaseTime() { 4 Usages
    chronometr.base = SystemClock.elapsedRealtime() - offset
}

override fun onSaveInstanceState(outState = savedInstanceState)
    savedInstanceState.putLong(GFSET_KEY, offset)
    savedInstanceState.putLong(GFSET_KEY, chronometr.base)
}
```

Приложение:

