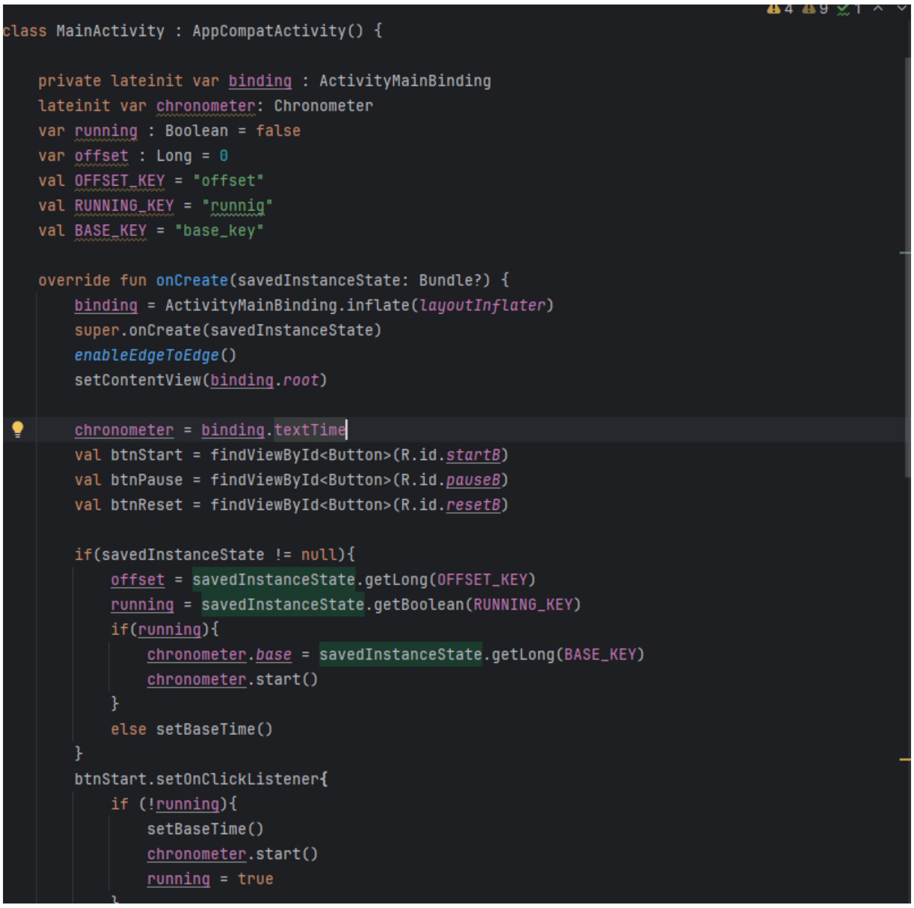
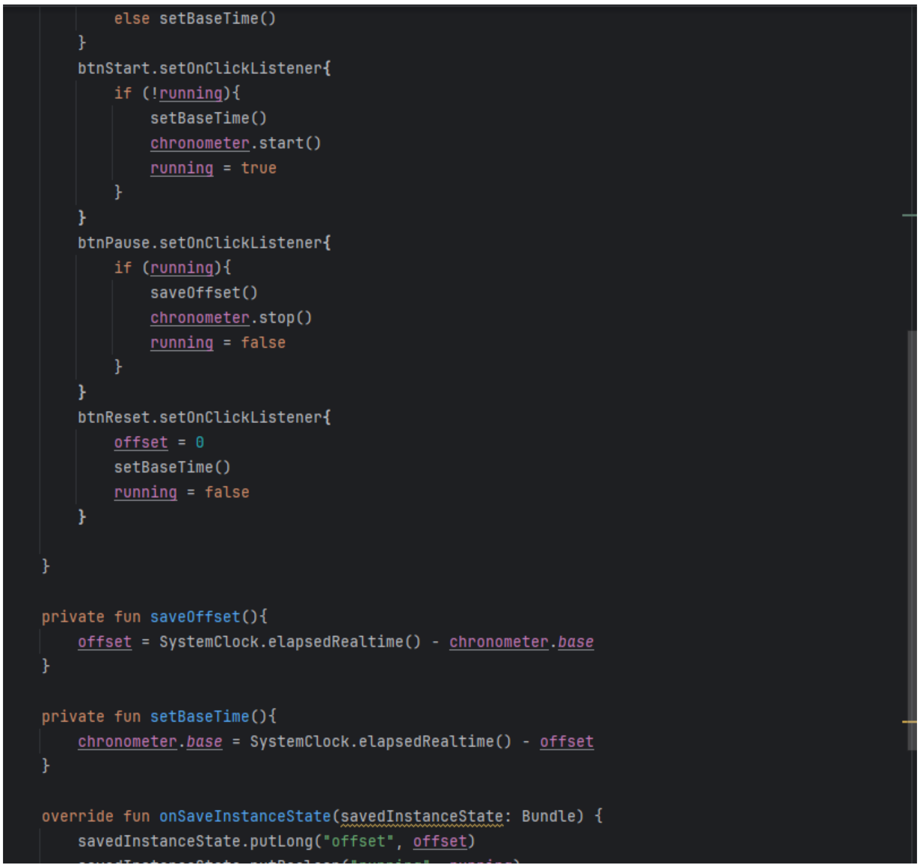
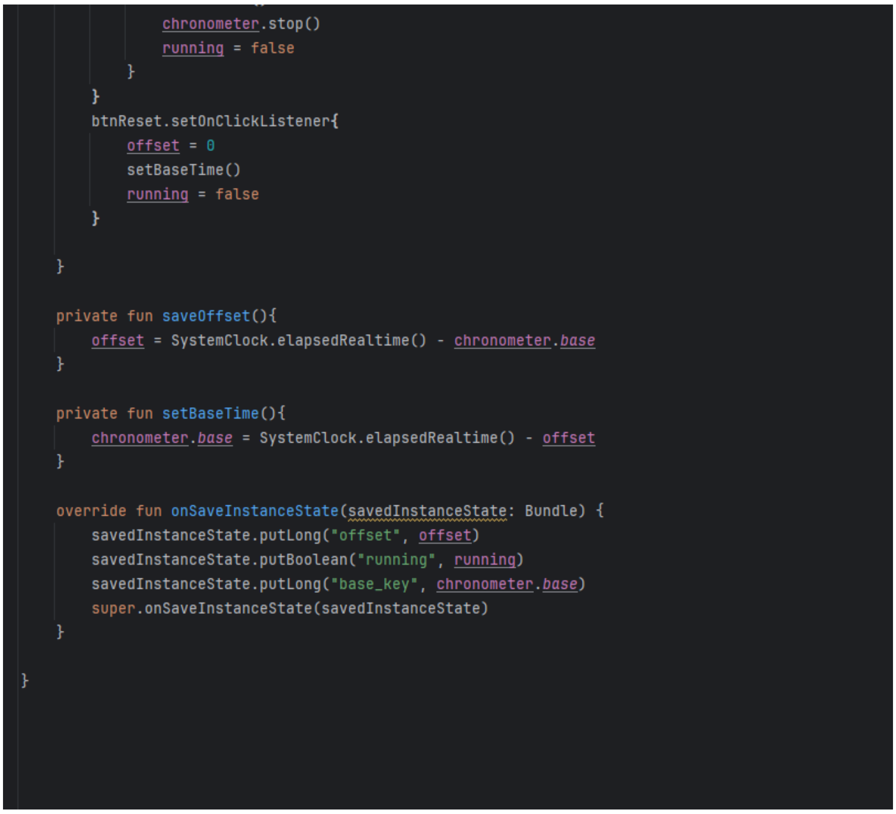
Файл MainActivity



```
class MainActivity : AppCompatActivity() {

    private lateinit var binding : ActivityMainBinding
    lateinit var chronometer: Chronometer
    var running : Boolean = false
    var offset : Long = 0
    val OFFSET_KEY = "offset"
    val RUNNING_KEY = "runnig"
    val BASE_KEY = "base_key"

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

        chronometer = binding.textTime
        val btnStart = findViewById<Button>(R.id.startB)
        val btnPause = findViewById<Button>(R.id.pauseB)
        val btnReset = findViewById<Button>(R.id.resetB)

        if(savedInstanceState != null){
            offset = savedInstanceState.getLong(OFFSET_KEY)
            running = savedInstanceState.getBoolean(RUNNING_KEY)
            if(running){
                chronometer.base = savedInstanceState.getLong(BASE_KEY)
                chronometer.start()
            }
            else setBaseTime()
        }
        btnStart.setOnClickListener{
            if (!running){
                setBaseTime()
                chronometer.start()
                running = true
```

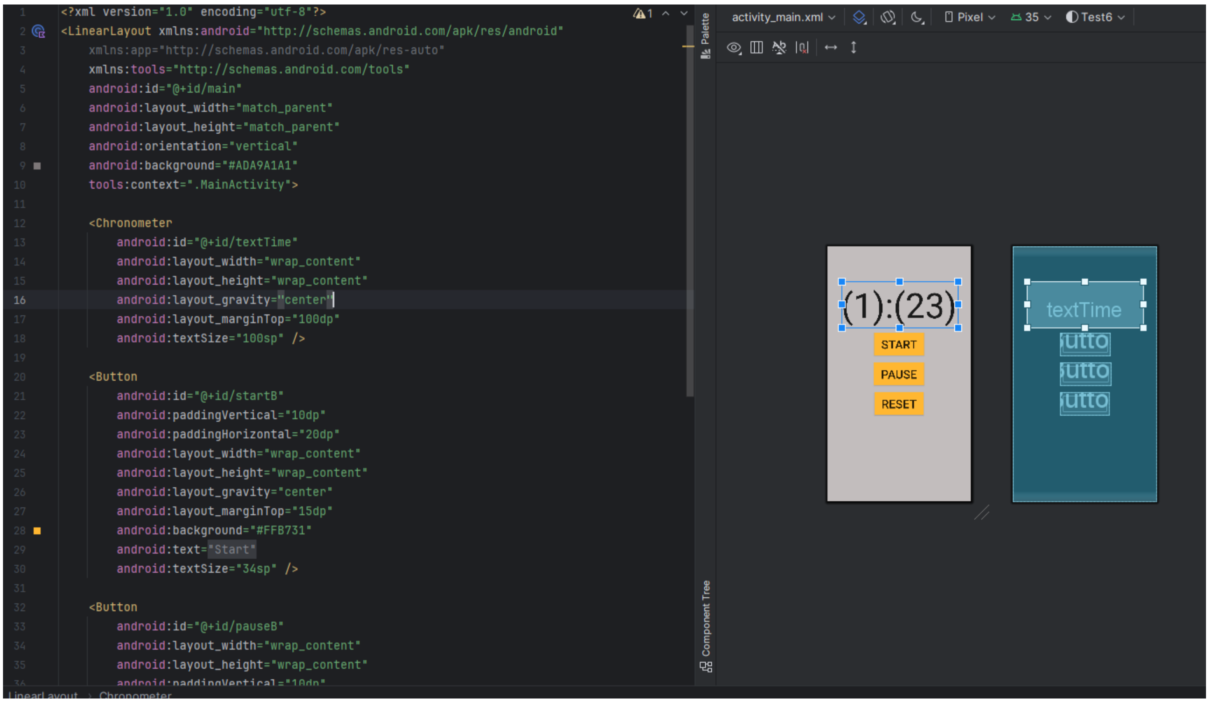


```
            else setBaseTime()
        }
        btnStart.setOnClickListener{
            if (!running){
                setBaseTime()
                chronometer.start()
                running = true
            }
        }
        btnPause.setOnClickListener{
            if (running){
                saveOffset()
                chronometer.stop()
                running = false
            }
        }
        btnReset.setOnClickListener{
            offset = 0
            setBaseTime()
            running = false
        }

    }

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

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

    override fun onSaveInstanceState(savedInstanceState: Bundle) {
        savedInstanceState.putLong("offset", offset)
        savedInstanceState.putBoolean("running", running)
```

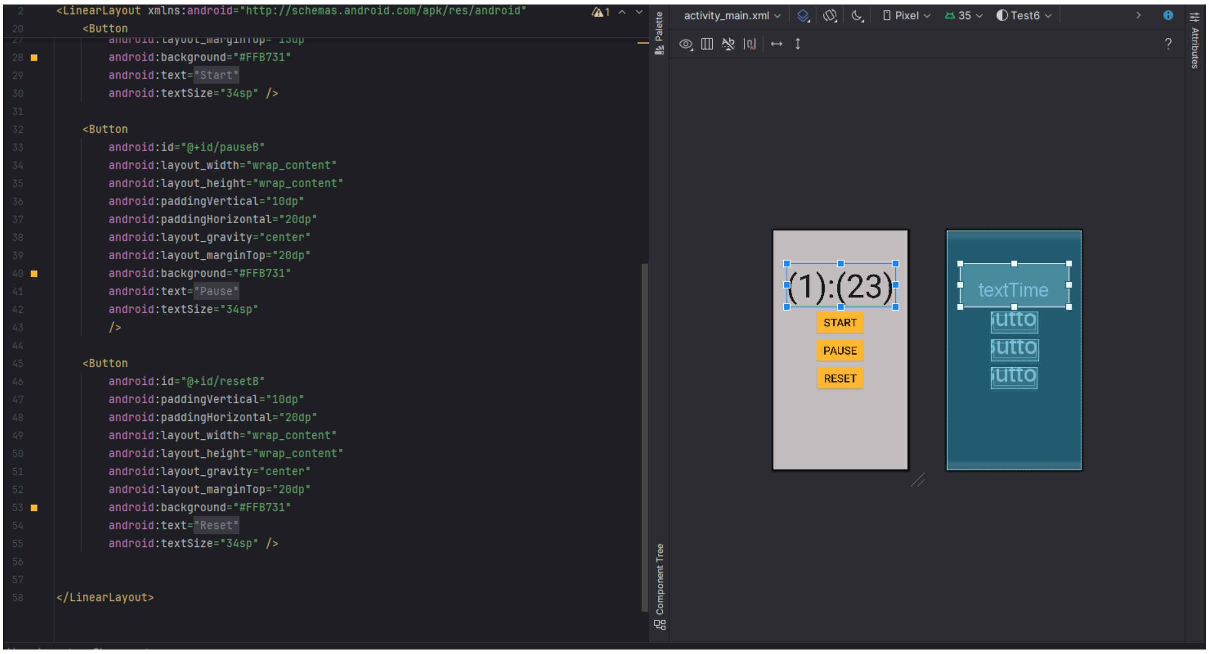


```
                chronometer.stop()
                running = false
            }
        }
        btnReset.setOnClickListener{
            offset = 0
            setBaseTime()
            running = false
        }

    }

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

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

    override fun onSaveInstanceState(savedInstanceState: Bundle) {
        savedInstanceState.putLong("offset", offset)
        savedInstanceState.putBoolean("running", running)
        savedInstanceState.putLong("base_key", chronometer.base)
        super.onSaveInstanceState(savedInstanceState)
    }

}
```

Xml файл

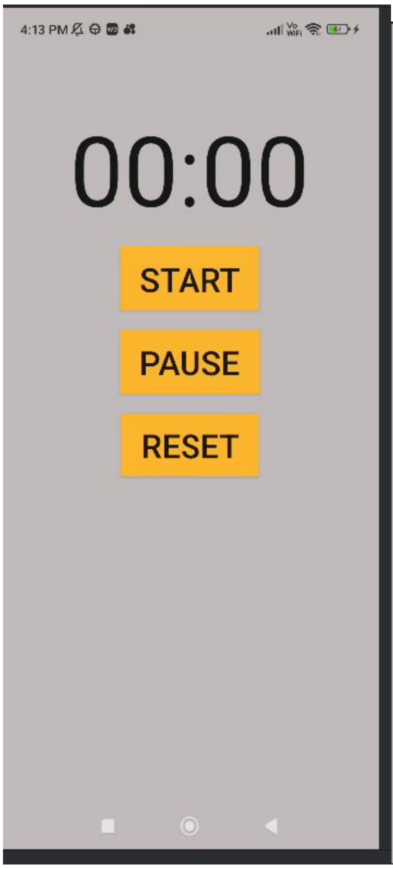


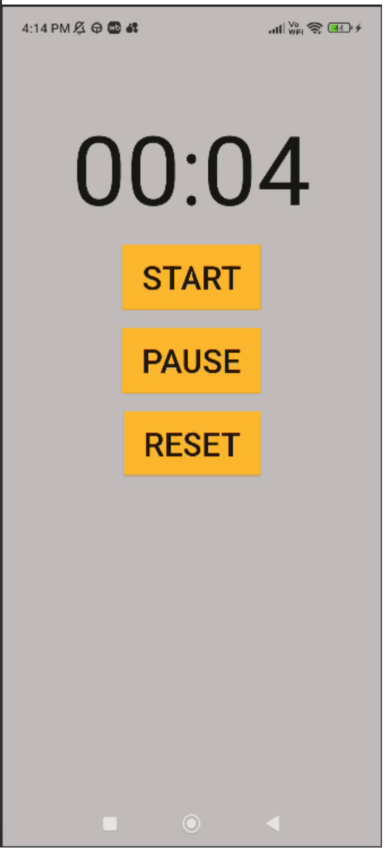
```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="#ADA9A1A1"
    tools:context=".MainActivity">

    <Chronometer
        android:id="@+id/textTime"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="100dp"
        android:textSize="100sp" />

    <Button
        android:id="@+id/startB"
        android:paddingVertical="10dp"
        android:paddingHorizontal="20dp"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="15dp"
        android:background="#FFB731"
        android:text="Start"
        android:textSize="34sp" />

    <Button
        android:id="@+id/pauseB"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```



```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    <Button
        android:background="#FFB731"
        android:text="Start"
        android:textSize="34sp" />

    <Button
        android:id="@+id/pauseB"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:paddingVertical="10dp"
        android:paddingHorizontal="20dp"
        android:layout_gravity="center"
        android:layout_marginTop="20dp"
        android:background="#FFB731"
        android:text="Pause"
        android:textSize="34sp"
        />

    <Button
        android:id="@+id/resetB"
        android:paddingVertical="10dp"
        android:paddingHorizontal="20dp"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="20dp"
        android:background="#FFB731"
        android:text="Reset"
        android:textSize="34sp" />


</LinearLayout>
```

Работа приложения


4:13 PM
00:00
START
PAUSE
RESET


4:14 PM
00:04
START
PAUSE
RESET