**Aim:** To make a stopwatch app in android studio.

## Algorithm:

}

- 1. Open your Android Studio . Click on Start a New Android Studio Project . Give Application Name Login Form and leave other fields as it is, then click NEXT.
- Select the Empty Activity and click NEXT.
- 3. Now we have activity\_main.xml in which we have to make the layout of our app.
- 4. Add three button for starting, pausing and resetting the stopwatch respectively, one textview for showing the countdown. Thus our layout is finished.
- 5. Now in our MainActivity.java file add variable {

```
private Chronometer chronometer;
private boolean running;
private long pauseOffSet;
```

for the respective field we have selected in xml file and connect them to the xml file by the help of declared id.

- 6. Make a startChronometer function which will start the chronometer
- 7. Make a pauseChronometer function which will pause the chronometer
- 8. Make a resetChronometer function which will reset the chronometer
- 9. Thus our app is finished.

## Activity\_main.xml:-

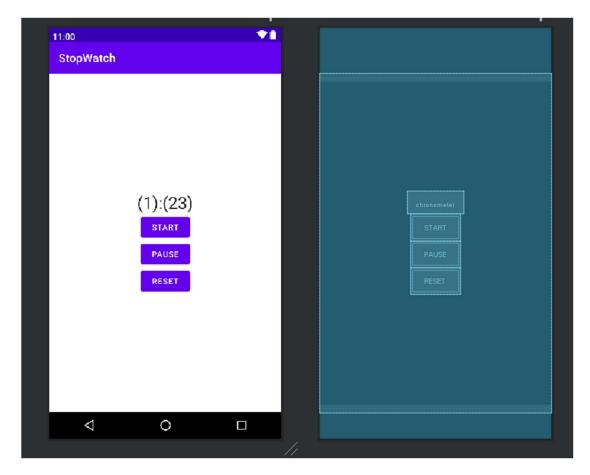
```
<Chronometer
```

## MainActivity.java:

```
package com.example.stopwatch;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.os.SystemClock;
import android.view.View;
import android.widget.Chronometer;
```

```
public void startChronometer(View view) {
```

Output1(Design and Blueprint):-



Output2:-

