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#### **PRACTICAL-3**

AIM: Create an application that will display Toast (Message) on specific interval of time.

### Activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:layout_width="match_parent"
  android:layout_height="match_parent"
  >
  <TextView
    android:id="@+id/tv"
    android:layout_width="match_parent"
    android:layout height="wrap content"
    android:textAppearance="@android:style/TextAppearance.DeviceDefault.Medium" />
  <Chronometer
    android:id="@+id/cnm"
    android:layout_width="wrap_content"
    android:layout height="wrap content"
    android:layout_centerHorizontal="true"
    android:layout centerVertical="true"
    android:format="Timer: %s"/>
</RelativeLayout>
```

# mainactivity.java

```
package com.example.admin1.myapplication3;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.Chronometer;
import android.widget.TextView;
import android.widget.Toast;
```

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```
import static android.R.attr.duration;
public class MainActivity extends AppCompatActivity {
  Chronometer c;
  int i=0;
  int duration=10;
  TextView tv;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    c=(Chronometer)findViewById(R.id.cnm);
    tv=(TextView)findViewById(R.id.tv);
    c.start();
    c.setOnChronometerTickListener(new Chronometer.OnChronometerTickListener() {
       @Override
       public void onChronometerTick(Chronometer arg0) {
         tv.setText("Meaasge will be displayed after" + (duration - (i + 1)) + "seconds");
         i++;
         if (i \ge duration)
           Toast.makeText(getApplicationContext(),"Message"+(i/10),
Toast.LENGTH_LONG).show();
            duration=duration+10;
    });
}
```

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## **OUTPUT:**





## **Conclusion:**

We successfully completed display toast message at some interval of time.

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