**Date :- / /**

**Practical No :- 07**

**Practical Name :- Create foreground application that will display toast (Message) on specific interval time.**

**Roll No :- 24**

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* **CODE :-**

**Acitivity\_main.xml :-**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello World!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainAcitivity.java :-**

package com.example.toastinterval;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 private Toast toast;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 toast = Toast.*makeText*(this, "This is Toast", Toast.*LENGTH\_SHORT*);  
  
 Thread t = new Thread(new Runnable() {  
 @Override  
 public void run() {  
 for (int i = 0; i < 1000; i++) {  
 try {  
 Thread.*sleep*(1000);  
 toast.show();  
 Thread.*sleep*(1000);  
 } catch (InterruptedException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 });  
 t.start();  
 }  
}

* **OUTPUT :-**

