LIFECYCLE(PGM-4)

<?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="Activity Lifecycle"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

MAINACTIVITY

package com.example.lifecycle;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.util.Log;  
import android.widget.Toast;  
import java.time.Year;  
public class MainActivity extends AppCompatActivity {  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
  
 Log.*d*("Activity\_LifeCycle","OnCreated Invoked");  
 Toast.*makeText*(MainActivity.this,"Created",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onStart(){  
 super.onStart();  
 Log.*d*("Activity\_LifeCycle","OnStart Invoked");  
 Toast.*makeText*(MainActivity.this,"Start",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onResume() {  
 super.onResume();  
 Log.*d*("Activity\_LifeCycle","onResume Invoked");  
 Toast.*makeText*(MainActivity.this,"Resume",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onPause() {  
 super.onPause();  
 Log.*d*("Activity\_LifeCycle","onPause Invoked");  
 Toast.*makeText*(MainActivity.this,"Pause",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onStop(){  
 super.onStop();  
 Log.*d*("Activity\_LifeCycle","onStop Invoked");  
 Toast.*makeText*(MainActivity.this,"Stop",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onRestart(){  
 super.onRestart();  
 Log.*d*("Activity\_LifeCycle","onRestart Invoked");  
 Toast.*makeText*(MainActivity.this,"Restart",Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onDestroy(){  
 super.onDestroy();  
 Log.*d*("Activity\_LifeCycle","onDestroy Invoked");  
 Toast.*makeText*(MainActivity.this,"Destroy",Toast.*LENGTH\_SHORT*).show();  
 }  
}