**PROGRAM 2 - ACTIVITY LIFE CYCLE**

**MainActivity.java**

package com.example.activitylifecycle;  
  
import android.os.Bundle;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
 ViewCompat.*setOnApplyWindowInsetsListener*(findViewById(R.id.*main*), (v, insets) -> {  
 Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.*systemBars*());  
 v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);  
 return insets;  
 });  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onCreate Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();;  
 }  
 protected void onStart() {  
 super.onStart();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onStart Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
  
 @Override  
 protected void onRestart() {  
 super.onRestart();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onRestart Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
  
 protected void onPause() {  
 super.onPause();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onPause Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
  
 protected void onResume() {  
 super.onResume();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onResume Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
  
 protected void onStop() {  
 super.onStop();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onStop Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
  
 protected void onDestroy() {  
 super.onDestroy();  
 Toast toast1 = Toast.*makeText*(getApplicationContext(), "onDestroy Called",  
 Toast.*LENGTH\_LONG*);  
 toast1.show();  
 }  
}

**OUTPUT**







