

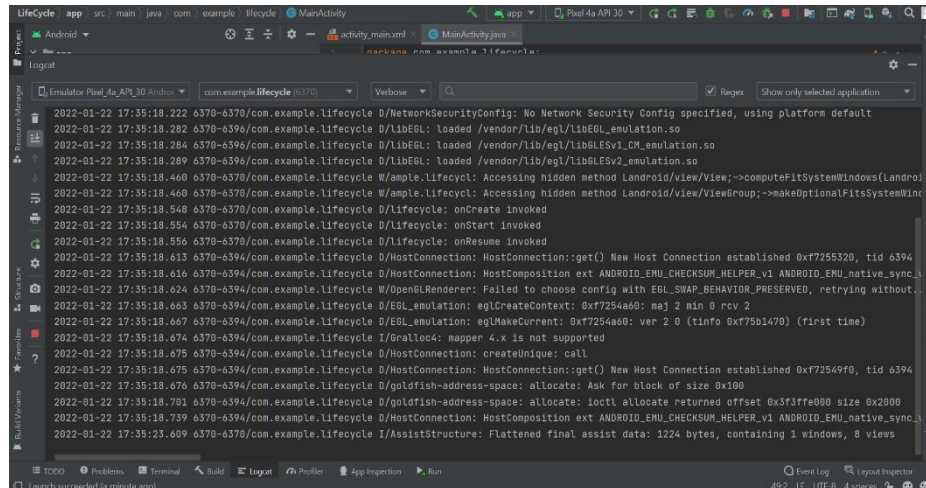
### **PROGRAM NO :3**

**AIM:** Write a program that demonstrates Activity Lifecycle.

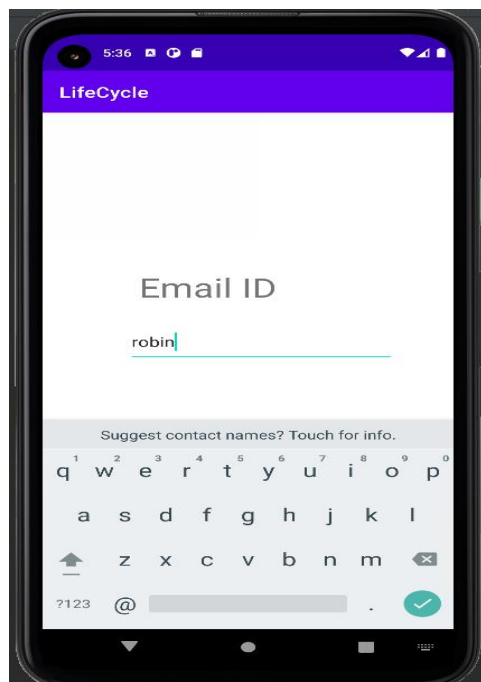
### **PROGRAM CODE:**

Mainactivity.java va	<pre>package com.example.activitylifecycle; import androidx.appcompat.app.AppCompatActivity; import android.os.Bundle; import android.util.Log;  public class MainActivity extends AppCompatActivity {  @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_main);  Log.d("Activity lifecycle","onCreate(): called"); } @Override protected void onStart() { super.onStart(); Log.d("Activity Lifecyle", "onStart: called"); } @Override protected void onResume() { super.onResume(); Log.d("Activity Lifecycle","onResume: called"); } @Override protected void onPause() { super.onPause(); Log.d("Activity Lifecycle","onPause: called"); } @Override protected void onStop() { super.onStop(); Log.d("Activity Lifecycle","onStop: called"); } @Override protected void onDestroy() { super.onDestroy(); Log.d("Activity Lifecycle","onDestroy: called"); } @Override protected void onRestart() { super.onRestart(); Log.d("Activity Lifecycle","onRestart: called"); } }</pre>
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## OUTPUT:



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2022-01-22 17:35:18.222 6370-6370/com.example.lifeCycle D/NetworkSecurityConfig: No Network Security Config specified, using platform default
2022-01-22 17:35:18.282 6370-6396/com.example.lifeCycle D/LibEGL: loaded /vendor/lib/egl/libEGL_emulation.so
2022-01-22 17:35:18.284 6370-6396/com.example.lifeCycle D/LibEGL: loaded /vendor/lib/egl/libGLESv1_CM_emulation.so
2022-01-22 17:35:18.289 6370-6396/com.example.lifeCycle D/LibEGL: loaded /vendor/lib/egl/libGLESv2_emulation.so
2022-01-22 17:35:18.460 6370-6370/com.example.lifeCycle W/ample.Lifecycle: Accessing hidden method Landroid/view/View;->computeFitSystemWindows(Landroid/view/ViewGroup;Landroid/view/ViewGroup;)Landroid/view/ViewGroup;
2022-01-22 17:35:18.548 6370-6370/com.example.lifeCycle D/Lifecycle: onCreate invoked
2022-01-22 17:35:18.554 6370-6370/com.example.lifeCycle D/Lifecycle: onStart invoked
2022-01-22 17:35:18.556 6370-6370/com.example.lifeCycle D/Lifecycle: onResume invoked
2022-01-22 17:35:18.613 6370-6394/com.example.lifeCycle D/HostConnection: HostConnection::get() New Host Connection established 0xf7255320, tid 6394
2022-01-22 17:35:18.616 6370-6394/com.example.lifeCycle D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_V1 ANDROID_EMU_native_sync
2022-01-22 17:35:18.624 6370-6394/com.example.lifeCycle W/OpenGLRenderer: Failed to choose config with EGL_SWAP_BEHAVIOR_PRESERVED, retrying without...
2022-01-22 17:35:18.663 6370-6394/com.example.lifeCycle D/EGL_emulation: eglCreateContext: 0xf7254a60: maj 2 min 0 rcv 2
2022-01-22 17:35:18.667 6370-6394/com.example.lifeCycle D/EGL_emulation: eglMakeCurrent: 0xf7254a60: ver 2 0 (tinfo 0xf75b1470) (first time)
2022-01-22 17:35:18.674 6370-6394/com.example.lifeCycle I/Gralloc4: mapper 4.x is not supported
2022-01-22 17:35:18.675 6370-6394/com.example.lifeCycle D/HostConnection: createUnique: call
2022-01-22 17:35:18.676 6370-6394/com.example.lifeCycle D/HostConnection: HostConnection::get() New Host Connection established 0xf72549f0, tid 6394
2022-01-22 17:35:18.676 6370-6394/com.example.lifeCycle D/goldfish-address-space: allocate: Ask for block of size 0x100
2022-01-22 17:35:18.781 6370-6394/com.example.lifeCycle D/goldfish-address-space: allocate: ioctl allocate returned offset 0x3f3ffe000 size 0x2000
2022-01-22 17:35:18.739 6370-6394/com.example.lifeCycle D/HostConnection: HostComposition ext ANDROID_EMU_CHECKSUM_HELPER_V1 ANDROID_EMU_native_sync
2022-01-22 17:35:23.609 6370-6370/com.example.lifeCycle I/AssistStructure: Flattened final assist data: 1224 bytes, containing 1 windows, 8 views
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## RESULT

Program Has Been Successfully Executed And Output Is Obtained.