

**Priyanshu Raturi**  
**BCA 5C**  
**1921126**

### **Depict Activity Life Cycle :**

#### **MainActivity.Java**

```
package com.example.activitylifecycle;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.util.Log;

public class MainActivity extends AppCompatActivity {
    public static final String status =MainActivity.class.getSimpleName();
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Log.i(status,"In Method OnCreate");
    }

    @Override
    protected void onStart() {
        super.onStart();
        Log.i(status,"In Method OnStart");
    }

    @Override
    protected void onResume() {
        super.onResume();
        Log.i(status,"In Method OnResume");
    }

    @Override
    protected void onPause() {
        super.onPause();
        Log.i(status,"In Method OnPause");
    }

    @Override
    protected void onStop() {
        super.onStop();
        Log.i(status,"In Method OnStop");
    }

    @Override
    protected void onDestroy() {
        super.onDestroy();
    }
```

```
        Log.i(status,"In Method OnDestroy");
    }
}
```

**activity\_main.xml:**  
**Default Not Required**

## Output

### On Starting:

```
2021-09-07 18:16:31.824 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnCreate
2021-09-07 18:16:31.825 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnStart
2021-09-07 18:16:31.827 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnResume
```

### On Pausing and Resuming:

```
2021-09-07 18:16:56.817 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnPause
2021-09-07 18:16:56.828 11270-11294/com.example.activitylifecycle D/EGL_emulation: eglMakeCurrent: 0xa8a05120: ver 3 0 (tinfo 0xa8a032a0)
2021-09-07 18:16:56.829 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnStop
2021-09-07 18:17:03.433 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnStart
2021-09-07 18:17:03.434 11270-11270/com.example.activitylifecycle I/MainActivity: In Method OnResume
```