Practical No.: 2

Aim: Android Activity Life Cycle

Source Code:

```
MainActivity.java
```

```
package com.example.practical_no_2;
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.i("Life Cycle","OnCreate Method Called");
  }
  @Override
  protected void onStart() {
    super.onStart();
    Log.i("Life Cycle","OnStart Method Called");
  }
  @Override
  protected void onResume() {
    super.onResume();
    Log.i("Life Cycle","OnResume Method Called");
  }
  @Override
  protected void onPause() {
    super.onPause();
    Log.i("Life Cycle","OnPause Method Called");
  }
  @Override
  protected void onStop() {
    super.onStop();
    Log.i("Life Cycle","OnStop Method Called");
  @Override
  protected void onRestart() {
    super.onRestart();
    Log.i("Life Cycle","OnRestart Method Called");
  }
  @Override
  protected void onDestroy() {
```

```
super.onDestroy();
Log.i("Life Cycle","OnDestroy Method Called");
}
```

Output:

```
| 10-28 | 12:51:29.025 | 4242-4242/com.example.practical_no_2 | W/art: Before Android 4.1, method android.graphics.PorterDuffCol 10-28 | 12:51:29.025 | 4242-4242/com.example.practical_no_2 | W/art: Before Android 4.1, method android.graphics.PorterDuffCol 10-28 | 12:51:29.467 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:29.467 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.561 | 4242-4242/com.example.practical_no_2 | I/art: Rejecting re-init on previously-failed class java.lang.CI 10-28 | 12:51:30.581 | 4242-4242/com.example.practical_no_2 | I/Life Cycle: OnStant Method Called | 10-28 | 12:51:30.581 | 4242-4242/com.example.practical_no_2 | I/Life Cycle: OnStant Method Called | 10-28 | 12:51:38.041 | 4242-4242/com.example.practical_no_2 | I/Art: Rejecting re-init on previously-failed class java.lang.CI | 4242-4242/com.example.practical_no_2 | I/Life Cycle: OnStant Method Called | 10-28 | 12:51:38.041 | 4242-4242/com.example.practical_no_2 | I/Life Cycle: OnStant Method Called | 10-28 | 12:51:38.041 | 4242-4242/com.example.practical_no_2 | I/Life Cycle: OnStant Method Called | 10-28 | 12:51:48.731 | 4242-4242/com.exam
```