

Practical No 17

Mainactivity.java

```
package com.example.activitylifecycle;

import androidx.appcompat.app.AppCompatActivity;
import android.app.Activity;
import android.util.Log;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Log.d("lifecycle", "onCreate invoked");
    }
    @Override
    protected void onStart() {
        super.onStart();
        Log.d("lifecycle", "onStart invoked");
    }
    @Override
    protected void onResume() {
        super.onResume();
        Log.d("lifecycle", "onResume invoked");
    }
    @Override
    protected void onPause() {
        super.onPause();
        Log.d("lifecycle", "onPause invoked");
    }
    @Override
    protected void onStop() {
        super.onStop();
        Log.d("lifecycle", "onStop invoked");
    }
    @Override
    protected void onRestart() {
        super.onRestart();
        Log.d("lifecycle", "onRestart invoked");
    }
    @Override
    protected void onDestroy() {
        super.onDestroy();
        Log.d("lifecycle", "onDestroy invoked");
    }
}
```

Logcat

```
2020-04-29 20:03:48.698 29581-29581/com.example.activitylifecycle D/lifecycle: onStop invoked
2020-04-29 20:03:54.190 29581-29581/com.example.activitylifecycle D/lifecycle: onDestroy invoked
2020-04-29 20:04:45.252 29773-29773/com.example.activitylifecycle D/lifecycle: onCreate invoked
2020-04-29 20:04:45.256 29773-29773/com.example.activitylifecycle D/lifecycle: onStart invoked
2020-04-29 20:04:45.258 29773-29773/com.example.activitylifecycle D/lifecycle: onResume invoked
2020-04-29 20:05:14.813 29773-29773/com.example.activitylifecycle D/lifecycle: onPause invoked
2020-04-29 20:05:15.228 29773-29773/com.example.activitylifecycle D/lifecycle: onStop invoked
```