

Life Cycle\lifeCyclePDF.txt

``Project : Android Life Cycle``

```
package com.example.androidlifecycle;
```

```
import android.os.Bundle;
```

```
import android.util.Log;
```

```
import androidx.activity.EdgeToEdge;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import androidx.core.graphics.Insets;
```

```
import androidx.core.view.ViewCompat;
```

```
import androidx.core.view.WindowInsetsCompat;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        Log.d("lifecycle", "onCreate invoked");
```

```
        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;
```

```
        }));
```

```
    }
```

```
    @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");
    }
}
```