**package** com.google.myapplication;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**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"**);  
 }  
}

The class allows you to log messages categorized based severity; each type of logging message has its own message. Here is a listing of the message types, and their respective method calls, ordered from lowest to highest priority:

* The Log.v() method is used to log verbose messages.
* The Log.d() method is used to log debug messages.
* The Log.i() method is used to log informational messages.
* The Log.w() method is used to log warnings.
* The Log.e() method is used to log errors.