

Apex Class Development

Develop a reusable Apex Class which contains a method to insert the Error log Object records. This method must contain the parameters to get the dynamic details of the fields (Log Date/Time, Log Details & Process Name)

#note: system event object's api name: Error_Log__c

```
public class TransactionLogHandler {
    public static void doHandlerException(System.Exception ex, String processName){
        Error_Log__c transactionLog = new Error_Log__c(
            Log_Details__c = ex.getStackTraceString() + '<br/> <strong> Message is </strong>' + ex.getMessage()
            + '<br/>' + ex.getCause() + '<br/>' + ex.getTypeName() + '<br/>' + ex.getLineNumber(),
            Lod_DateTime__c = System.Now(),
            Process_Name__c = processName
        );
        insert transactionLog;
    }
}
```

```
try{
    integer i = 10/0;
}catch(System.Exception ex){
    TransactionLogHandler.doHandlerException(ex, 'Developer Console');
}
```

EXCEPTION_TH... [2]|System.MathException: Divide by 0

DML_BEGIN [9]|Op:Insert|Type:Error_Log__c|Rows:1

The screenshot shows the Salesforce 'System Events' interface. At the top, there's a navigation bar with 'MAX FIT' and various dropdown menus. Below this, a header bar indicates 'System Event LOG - 000000'. The main content area is divided into 'Related' and 'Details' tabs, with 'Details' selected. The details are presented in a table-like format with two columns. The left column contains 'Lod Date/Time' (9/14/2022, 7:13 PM), 'Log Details' (AnonymousBlock: line 2, column 1; Message is Divide by 0; null; System.MathException; 2), and 'Region'. The right column contains 'Owner' (Haticetul Kubra Koral), 'Process Name' (Developer Console), 'Log #' (LOG - 000000), and 'Last Modified By' (Haticetul Kubra Koral, 9/14/2022, 7:13 PM). A 'Created By' field at the bottom left also shows Haticetul Kubra Koral, 9/14/2022, 7:13 PM.

Related	Details
Lod Date/Time	Owner
9/14/2022, 7:13 PM	Haticetul Kubra Koral
Log Details	Process Name
AnonymousBlock: line 2, column 1	Developer Console
Message is Divide by 0	
null	
System.MathException	
2	
Region	Log #
	LOG - 000000
Created By	Last Modified By
Haticetul Kubra Koral, 9/14/2022, 7:13 PM	Haticetul Kubra Koral, 9/14/2022, 7:13 PM

