

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/Tile, 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 Event' log interface. The top navigation bar includes 'MAX FIT' and various menu items like 'Attendees', 'Event Attendees', 'Event & Speakers', 'Event Organizers', 'Events', and 'System Events'. The main header indicates 'System Event LOG - 000000'. Below this, there are tabs for 'Related' and 'Details'. The 'Details' tab is active, displaying a table of event information. The table has two columns: 'Log Details' and 'Owner'. The 'Log Details' column contains the following information: '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', 'Region', and 'Created By: Haticetul Kubra Koral, 9/14/2022, 7:13 PM'. The 'Owner' column contains the following information: 'Owner: Haticetul Kubra Koral', 'Process Name: Developer Console', 'Log #: LOG - 000000', and 'Last Modified By: Haticetul Kubra Koral, 9/14/2022, 7:13 PM'.

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