

Phase 9: Performance & Debugging

Step 1: Open Browser Console F12 → Console.

Step 2: Exercise the component (submit, edit, approve).

Step 3: Ensure no JavaScript errors or warnings.

Step 4: Check Salesforce Developer Console logs for any server-side errors.

The screenshot displays the Salesforce Developer Console interface. The left sidebar shows the Explorer view with the project structure. The main editor shows the Apex code for the `LeaveRequestControllerTest` class. The code includes a test method `testSaveLeaveRequestValidation()` and a test method `testUpdateLeaveStatus()`. The output pane at the bottom shows the results of the test run, indicating that the tests passed successfully.

```
force-app > main > default > classes > LeaveRequestControllerTest.cls > Salesforce Apex Language Server (Typescript) > LeaveRequestControllerTest > testSaveLeaveRequestValidation() : void
2 public class LeaveRequestControllerTest {
62 static void testSaveLeaveRequestValidation() {
65     To_Date_c = Date.today().addDays(1), // Invalid: To date before From date
66     Reason_c = 'Invalid Test Leave'
67 };
68
69 Test.startTest();
70 try {
71     LeaveRequestController.saveLeaveRequest(invalidLeave);
72     System.assert(false, 'Should have thrown an exception');
73 } catch (AuraHandledException e) {}
74     System.assert(e.getMessage().contains('Date'), 'should contain validation message');
75 }
76 Test.stopTest();
77 }
78
79 @isTest
80 Run Test | Debug Test
81 static void testUpdateLeaveStatus() {
82     LeaveRequest_c testLeave = [SELECT Id FROM LeaveRequest_c LIMIT 1];
83
84     Test.startTest();
85     LeaveRequestController.updateLeaveStatus(testLeave.Id, 'Approved', 'Test approval');
86     Test.stopTest();
87     LeaveRequest_c updatedLeave = [

```

==== Deployed Source

STATE	FULL NAME	TYPE	PROJECT PATH
Changed	LeaveRequestController	ApexClass	force-app\main\default\classes\LeaveRequestController.cls
Changed	LeaveRequestController	ApexClass	force-app\main\default\classes\LeaveRequestController.cls-meta.xml

16:42:08.963 Ended SFDX: Deploy This Source to Org