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| **Project Name**: Calculator | |
| **Test Case** | |
| **Test Case ID**: 197 | **Test Designed by**: Alan |
| **Test Priority (Low/Medium/High)**: Med | **Test Designed date**: 2023.11.30 |
| **Module Name**: Ln module; | **Test Executed by**: Alan |
| **Test Title**: User enters Ln-1 and we get an error; | **Test Execution date**: 2023.11.30 |
| **Description**: User enters Ln-1 and we get an error; |  |
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| **Pre-conditions**: User is attempting to Ln-1 and an error is expected | |
| **Dependencies**: | |

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| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | User enters "Ln" operator; | Ln | Operator is entered successfully; | Operator Ln is entered successfully; | Pass |  |
| 2 | User enters the first valid number; | -1 | Number is entered successfully; | Number -1 is entered successfully; | Pass |  |
| 3 | User enters "=" operator; | = | Get warn tip（Logarithm is not defined for negative numbers or zero.） | Get warn tip（Logarithm is not defined for negative numbers or zero.） | Pass |  |
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| **Post-conditions:** |
| If User is attempting to Ln-1 we can't calculate them and an warn tip is expected and our test case is pass. |