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| **Project Name**: Calculator | |
| **Test Case** | |
| **Test Case ID**: 20 | **Test Designed by**: Alan |
| **Test Priority (Low/Medium/High)**: Med | **Test Designed date**: 2023.10.22 |
| **Module Name**: 10^x module; | **Test Executed by**: Alan |
| **Test Title**: User attempts to calculate 10^x with an invalid input; | **Test Execution date**: 2023.10.22 |
| **Description**: User enters an invalid input and expects to handle the error when calculating 10^x. |  |
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| **Pre-conditions**: User is attempting to calculate 10^x with an invalid input. | |
| **Dependencies**: | |

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| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | User enters an invalid input; | Enter an invalid input (e.g., "abc" or "0") | Get error tips; | We get error tips indicating that the input is invalid. | Pass |  |
| 2 | User presses the 10^x button; | 10^x | Get error tips; | We get error tips indicating that the calculation cannot be performed on an invalid input. | Pass |  |
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| **Post-conditions:** |
| If the input is invalid, the 10^x calculation is not performed, and the test case is passed. |