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| **Project Name**: Calculator | |
| **Test Case** | |
| **Test Case ID**: 40 | **Test Designed by**: Alan |
| **Test Priority (Low/Medium/High)**: Med | **Test Designed date**: 2023.10.22 |
| **Module Name**: Programmer Calculator add module; | **Test Executed by**: Alan |
| **Test Title**: User adds two different hexadecimal numbers; | **Test Execution date**: 2023.10.22 |
| **Description**: User enters two different hexadecimal numbers and expects to add them using the Programmer Calculator in hexadecimal mode. |  |
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| **Pre-conditions**: User has selected the Programmer Calculator in hexadecimal mode and has entered two different valid hexadecimal numbers. | |
| **Dependencies**: | |

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| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | User enters the first hexadecimal number; | Enter a valid hexadecimal number (e.g., 3F) | The entered hexadecimal number is displayed. | The entered hexadecimal number (e.g., 3F) is displayed on the calculator. | Pass |  |
| 2 | User enters the second hexadecimal number; | Enter another valid hexadecimal number (e.g., A2) | The entered hexadecimal number is displayed. | The entered hexadecimal number (e.g., A2) is displayed on the calculator. | Pass |  |
| 3 | User presses the "+" button to add the numbers; | + | The addition operation is performed in hexadecimal mode. | The addition operation is performed, and the result (e.g., E1) is displayed in hexadecimal. | Pass |  |
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| **Post-conditions:** |
| User has successfully added two different hexadecimal numbers using the Programmer Calculator, and the test case is passed. |