## Develop automated test cases for Calculator Program

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| **Test 1: Addition checking** |
| **Input:**   1. Two positive integer number, floating point number. 2. A negative integer and a positive integer number 3. Two negative integer number 4. Large integer numbers and zero   **Tests:**   1. Test for sum of two positive integers numbers 2. Should be able to add a negative integer to a positive floating point number. 3. Test for adding two floating point numbers 4. Should be able to add a negative integer and zero. 5. Should be able to add zero and a positive integer. 6. Add a negative floating point and a positive integer. 7. Addition of positive/negative integer, floating point number to previous result or operation.   **Output:** OK or error message indicating failure of operation for particular input. |

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| **Test 2: Subtraction checking** |
| **Input:**  1.Two positive integer number, floating point number.  2.A negative integer and a positive integer number  3.Two negative integer number  4.Large integer numbers and zero  **Tests:**   1. Should be able to subtract two positive integers 2. Should be able to subtract zero from a negative integer 3. S subtract 0 from a positive integer 4. Subtract a floating point number from a negative integer 5. Should be able to add zero and a positive integer. 6. Subtract a floating point number from the result of a previous operation.   **Output:** OK or error message indicating failure of operation for particular input. |

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| **Test 3: Multiplication checking** |
| **Input:**  1.Two positive integer number, floating point number.  2.A negative integer and a positive integer number  3.Two negative integer number  4.Large integer numbers and zero  **Tests:**   1. Multiply two positive integers. 2. Multiply a floating point multiplicand with an integer multiplier 3. Multiply an integer multiplicand with a floating point multiplier 4. Multiplication between two floating point numbers 5. Should be able to multiply an integer multiplicand with zero   **Output:** OK or error message indicating failure of operation for particular input. |

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| **Test 4: Division checking** |
| **Input:**  1.Two positive integer number, floating point number.  2.A negative integer and a positive integer number  3.Two negative integer number  4.Large integer numbers and zero  **Tests:**   1. Divide two positive integers 2. Divide 0 by a integer divisor 3. Divide a negative dividend by a positive divisor 4. Divide a negative floating point dividend by a positive divisor 5. Error for division by 0 6. Test to divide two floating point numbers 7. Divide the result of a previous operation by a integer   **Output:** OK or error message indicating failure of operation for particular input. |