**Test plan:**

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| **Test id** | **Description** | **Expected I/p** | **Expected o/p** | **Actual o/p** |
| 1. | When two operands are given to the divide and the denominator is 0 | If we give any number divided by 0 | Then the output must be 0 | The output should be 0 |
| 2. | When two operands are given as base and exponent | If we give exponent equal to 0 | Then the output must be equal  to 1 | The output must be 1 |
| 3. | If the operands are more than 8 bits in their binary form | If one of the number is more than 8 bits | The output is 0 as there is bits overflow | The output is 0 as there is bits overflow |
| 4. | When the two operands are added | If we give operands as 1 and 2 | The output is the sum of operands which is equal to 3 | The output is the sum of operands which is equal to 3 |
| 5. | If we need a square root of a number | Give an operand to find its square root(i.e. 25) | The output must be 5 | The output must be 5 |