**TEST PLAN AND OUTPUT**

**Test Plan**

## **High level Testing**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Precondition | Expected Input | Expected Output | Actual Output |
| HL\_01 | Input method | Accept the input from key | Correct input | Display accepted input |  |
| HL\_02 | Perform math operation | Correct calculation | Correct operands and operators are clicked by the user | Display result of performed operation |  |
| HL\_03 | display | Display output | Display output and appropriate error message | Display result with clear visibility |  |

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# Low Level Testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Precondition | Expected Input | Expected Output | Actual Output |
| LL\_01 | Divide by 0 | denominator for the division operation is zero | Give input for the denominator as zero | Error message |  |
| LL\_02 | Imaginary and infinite number | If input for root of a negative number is given | Root of a negative number | Error message should be displayed |  |
| LL\_03 | exit | Check condition | Correct input | When user tries to enter choice more than specific choice |  |