| **No.** | **Test Case -ID** | **Test case Objective** | **Prerequisite** | **Steps** | **Input data** | **Expected Result** | **Actual Result** | **Remarks/ Status** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | TC1 | To add two integer and display the result on ten digit calculator | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999 2. Key in operator + 3.Key in second operand, a valid integer from - 9999999999 To +999999999 | 135 + 100 | 235(addition, above ten digits will be expressed in exponential form) | 235 | Pass |
| 2 | TC-2 | To subtract two integer and display the result on ten digit calculator | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999 2.Key in operator - 3.Key in second operand, a valid integer from - 9999999999 To +999999999 | 135- 100 | 35(subtractio n, above ten digits will be expressed in exponential form) | 35 | Pass |
| 3. | TC-3 | To multiply two integer and display the result on ten digit calculator | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999 2.Key in operator x 3.Key in second operand, a valid integer from - 9999999999 To +999999999 | 100 x 400 | 40000(multi plication, above ten digits will be expressed in exponential form) | 40000 | Pass |
| 4. | TC4 | To divide two integer and display the result on ten digit calculator | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999 2.Key in operator / 3.Key in second operand , a valid integer from - 9999999999 To +999999999 | 100/ 25 | 40(division, above ten digits will be expressed in exponential form) | 40 | Pass |
| 5 | TC5 | To square the given number | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999  2. Multiplying the given operand twice | 3 | 9(square, above ten digits will be expressed in exponential form) | 9 | Pass |
| 6 | TC6 | To find the square root of the number | Calculator is switched on | 1.Key in a valid integer from - 9999999999 to +9999999999  2. finding square root using sqrt() keyword. | 81 | 9(sqrt , above ten digits will be expressed in exponential form | 9 | Pass |