

| ID | Priority | Req.ID | Module | Sub-module | Test Description | Expected Result | Result | Comment |
|-----|----------|--------|-----------------|-------------------------|---|--|--------|---------|
| 1.1 | Smoke | req 39 | Simple mode | Addition function | Title: Check if the calculator can add numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [1] button on virtual keyboard. 2. Click [+] button on virtual keyboard. 3. Click [2] button on virtual keyboard. 4. Press [=] button on virtual keyboard. | 1. In the input line displays the value '1'. 2. In the input line displays the value '+'. 3. In the input line displays the value '2'. 4. The all previas entered data disappears and in the input line displays the value result '3'. | | |
| 1.2 | Smoke | req 41 | Simple mode | Subtraction function | Title: Check if the calculator can subtract numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [7] button on virtual keyboard. 2. Click [-] button on virtual keyboard. 3. Click [3] button on virtual keyboard. 4. Press [=] button on virtual keyboard. | 1. In the input line displays the value '7'. 2. In the input line displays the value '-'. 3. In the input line displays the value '3'. 4. The all previas entered data disappears and in the input line displays the value result '4'. | | |
| 1.3 | Smoke | req 43 | Simple mode | Division function | Title: Check if the calculator can divide numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [8] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [4] button on virtual keyboard. 4. Press [=] button on virtual keyboard. | 1. In the input line displays the value '8'. 2. In the input line displays the value '/'. 3. In the input line displays the value '4'. 4. The all previas entered data disappears and in the input line displays the value result '2'. | | |
| 1.4 | Smoke | req 45 | Simple mode | Multiplication function | Title: Check if the calculator can multiply numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [5] button on virtual keyboard. 2. Click [*] button on virtual keyboard. 3. Click [6] button on virtual keyboard. 4. Press [=] button on virtual keyboard. | 1. In the input line displays the value '5'. 2. In the input line displays the value '*'. 3. In the input line displays the value '6'. 4. The all previas entered data disappears and in the input line displays the value result '30'. | | |
| 2.1 | Smoke | req 47 | Scientific mode | Squaring function | Title: Check if the calculator can square numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [3] button on virtual keyboard. 2. Click [x²] button on virtual keyboard. 3. Press [=] button on virtual keyboard. | 1. In the input line displays the value '3'. 2. In the input line displays the value '^2'. 3. The all previas entered data disappears and in the input line displays the value result '9'. | | |
| 2.2 | Smoke | req 49 | Scientific mode | Square root function | Title: Check if the calculator can take the square root of a number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [9] button on virtual keyboard. 2. Click [√] button on virtual keyboard. 3. Press [=] button on virtual keyboard. | 1. In the input line displays the value '5'. 2. In the input line displays the value '√'. 3. The all previas entered data disappears and in the input line displays the value result '3'. | | |

| ID | Priority | Req.ID | Module | Sub-module | Test Description | Expected Result | Result | Comment |
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| 1.4.1 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of two negative integers Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [8] button on virtual keyboard. 2. Click [+/-] button on virtual keyboard. 3. Click [/] button on virtual keyboard. 4. Click [2] button on virtual keyboard. 5. Click [+/-] button on virtual keyboard. 6. Press [=] button on virtual keyboard. | 1. In the input line displays the value '8'. 2. In the input line positive value '8' will change to negative form and displays the value '-8'. 3. In the input line displays the value '/'. 4. In the input line displays the value '2'. 5. In the input line positive value '2' will change to negative form and displays the value '-2'. 6. The all previas entered data disappears and in the input line displays the value result '4'. | | |
| 1.4.2 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one positive integers number by one negative integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [9] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [3] button on virtual keyboard. 4. Click [+/-] button on virtual keyboard. 5. Press [=] button on virtual keyboard. | 1. In the input line displays the value '9'. 2. In the input line displays the value '/'. 3. In the input line displays the value '3'. 4. In the input line positive value '3' will change to negative form and displays the value '-3'. 5. The all previas entered data disappears and in the input line displays the value result '-3'. | | |
| 1.4.3 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one negative integers number by one positive integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [8] button on virtual keyboard. 2. Click [+/-] button on virtual keyboard. 3. Click [/] button on virtual keyboard. 4. Click [4] button on virtual keyboard. 5. Press [=] button on virtual keyboard. | 1. In the input line displays the value '8'. 2. In the input line positive value '8' will change to negative form and displays the value '-8'. 3. In the input line displays the value '/'. 4. In the input line displays the value '4'. 5. The all previas entered data disappears and in the input line displays the value result '-2'. | | |
| 1.4.4 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of two decimals numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [6] button on virtual keyboard. 4. Click [8] button on virtual keyboard. 5. Click [/] button on virtual keyboard. 6. Click [0] button on virtual keyboard. 7. Click [,] button on virtual keyboard. 8. Click [2] button on virtual keyboard. 9. Press [=] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value ','. 3. In the input line displays the value '6'. 4. In the input line displays the value '8'. 5. In the input line displays the value '/'. 6. In the input line displays the value '0'. 7. In the input line displays the value ','. 8. In the input line displays the value '2'. 9. The all previas entered data disappears and in the input line displays the value result '3,4'. | | |
| 1.4.5 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one positive decimals number by one negative decimals number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [1] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [5] button on virtual keyboard. 4. Click [/] button on virtual keyboard. 5. Click [0] button on virtual keyboard. 6. Click [,] button on virtual keyboard. 7. Click [2] button on virtual keyboard. 8. Click [5] button on virtual keyboard. 9. Click [+/-] button on virtual keyboard. 10. Press [=] button on virtual keyboard. | 1. In the input line displays the value '1'. 2. In the input line displays the value ','. 3. In the input line displays the value '5'. 4. In the input line displays the value '/'. 5. In the input line displays the value '0'. 6. In the input line displays the value ','. 7. In the input line displays the value '2'. 8. In the input line displays the value '5'. 9. In the input line positive value '0,25' will change to negative form and displays the value '-0,25'. 10. The all previas entered data disappears and in the input line displays the value result '-6'. | | |
| 1.4.6 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of two negative decimals numbers. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. | 1. In the input line displays the value '0'. | | |

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| | | | | | <p>2. Click [,] button on virtual keyboard.</p> <p>3. Click [9] button on virtual keyboard.</p> <p>4. Click [9] button on virtual keyboard.</p> <p>5. Click [+/-] button on virtual keyboard.</p> <p>6. Click [/] button on virtual keyboard.</p> <p>7. Click [0] button on virtual keyboard.</p> <p>8. Click [,] button on virtual keyboard.</p> <p>9. Click [3] button on virtual keyboard.</p> <p>10. Click [3] button on virtual keyboard.</p> <p>11. Click [+/-] button on virtual keyboard.</p> <p>12. Press [=] button on virtual keyboard.</p> | <p>2. In the input line displays the value ','.</p> <p>3. In the input line displays the value '9'.</p> <p>4. In the input line displays the value '9'.</p> <p>5. In the input line positive value '0,99' will change to negative form and displays the value '-0,99'.</p> <p>6. In the input line displays the value '/'.</p> <p>7. In the input line displays the value '0'.</p> <p>8. In the input line displays the value ','.</p> <p>9. In the input line displays the value '3'.</p> <p>10. In the input line displays the value '3'.</p> <p>11. In the input line positive value '0,33' will change to negative form and displays the value '-0,33'.</p> <p>12. The all previas entered data disappears and in the input line displays the value result '3'.</p> | | |
| 1.4.7 | Smoke | req 43 | Simple mode | Division function | <p>Title: Check the division of one negative decimals number by one positive decimals number.</p> <p>Preconditions: Cancels all entered previas action (presses the "C" button)</p> <p>Steps: 1. Click [1] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [5] button on virtual keyboard. 4. Click [+/-] button on virtual keyboard.</p> <p>5. Click [/] button on virtual keyboard. 6. Click [0] button on virtual keyboard. 7. Click [,] button on virtual keyboard. 8. Click [2] button on virtual keyboard. 9. Click [5] button on virtual keyboard. 10. Press [=] button on virtual keyboard.</p> | <p>1. In the input line displays the value '1'.</p> <p>2. In the input line displays the value ','.</p> <p>3. In the input line displays the value '5'.</p> <p>4. In the input line positive value '1,5' will change to negative form and displays the value '-1,5'.</p> <p>5. In the input line displays the value '/'.</p> <p>6. In the input line displays the value '0'.</p> <p>7. In the input line displays the value ','.</p> <p>8. In the input line displays the value '2'.</p> <p>9. In the input line displays the value '5'.</p> <p>10. The all previas entered data disappears and in the input line displays the value result '-6'.</p> | | |
| 1.4.8 | Smoke | req 43 | Simple mode | Division function | <p>Title: Check the division of one positive integers number by one positive decimals number.</p> <p>Preconditions: Cancels all entered previas action (presses the "C" button)</p> <p>Steps: 1. Click [8] button on virtual keyboard. 2. Click [/] value '/'.</p> <p>3. Click [0] button on virtual keyboard. 4. Click [,] button on virtual keyboard. 5. Click [2] button on virtual keyboard. 6. Press [=] button on virtual keyboard.</p> | <p>1. In the input line displays the value '8'.</p> <p>2. In the input line displays the value '/'.</p> <p>3. In the input line displays the value '0'.</p> <p>4. In the input line displays the value ','.</p> <p>5. In the input line displays the value '2'.</p> <p>6. The all previas entered data disappears and in the input line displays the value result '40'.</p> | | |
| 1.4.9 | Smoke | req 43 | Simple mode | Division function | <p>Title: Check the division of one positive integers number by one negative decimals number.</p> <p>Preconditions: Cancels all entered previas action (presses the "C" button)</p> <p>Steps: 1. Click [1] button on virtual keyboard. 2. Click [0] button on virtual keyboard. 3. Click [/] button on virtual keyboard. 4. Click [0] button on virtual keyboard. 5. Click [,] button on virtual keyboard. 6. Click [2] button on virtual keyboard. 7. Click [5] button on virtual keyboard. 8. Click [+/-] button on virtual keyboard.</p> <p>9. Press [=] button on virtual keyboard.</p> | <p>1. In the input line displays the value '1'.</p> <p>2. In the input line displays the value '0'.</p> <p>3. In the input line displays the value '/'.</p> <p>4. In the input line displays the value '0'.</p> <p>5. In the input line displays the value ','.</p> <p>6. In the input line displays the value '2'.</p> <p>7. In the input line displays the value '5'.</p> <p>8. In the input line positive value '0,25' will change to negative form and displays the value '-0,25'.</p> <p>9. The all previas entered data disappears and in the input line displays the value result '-40'.</p> | | |
| 1.4.10 | Smoke | req 43 | Simple mode | Division function | <p>Title: Check the division of one negative integers number by one negative decimals number.</p> <p>Preconditions: Cancels all entered previas action (presses the "C" button)</p> <p>Steps: 1. Click [1] button on virtual keyboard. 2. Click [0] button on virtual keyboard. 3. Click [+/-] button on virtual keyboard.</p> <p>4. Click [/] button on virtual keyboard. 5. Click [0] button on virtual keyboard. 6. Click [,] button on virtual keyboard. 7. Click [2] button on virtual keyboard. 8. Click [5] button on virtual keyboard. 9. Click [+/-] button on virtual keyboard.</p> <p>10. Press [=] button on virtual keyboard.</p> | <p>1. In the input line displays the value '1'.</p> <p>2. In the input line displays the value '0'.</p> <p>3. In the input line positive value '10' will change to negative form and displays the value '-10'.</p> <p>4. In the input line displays the value '/'.</p> <p>5. In the input line displays the value '0'.</p> <p>6. In+ the input line displays the value ','.</p> <p>7. In the input line displays the value '2'.</p> <p>8. In the input line displays the value '5'.</p> <p>9. In the input line positive value '0,25' will change to negative form and displays the value '-0,25'.</p> <p>10. The all previas entered data disappears and in the input line displays the value result '-40'.</p> | | |
| 1.4.11 | Smoke | req 43 | Simple mode | Division function | <p>Title: Check the division of one negative integers number by one positive decimals number.</p> | | | |

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| | | | | | Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [8] button on virtual keyboard. 2. Click [+/-] button on virtual keyboard. 3. Click [/] button on virtual keyboard. 4. Click [0] button on virtual keyboard. 5. Click [,] button on virtual keyboard. 6. Click [2] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '8'. 2. In the input line positive value '8' will change to negative form and displays the value '-8'. 3. In the input line displays the value '/'. 4. In the input line displays the value '0'. 5. In the input line displays the value ','. 6. In the input line displays the value '2'. 7. The all previas entered data disappears and in the input line displays the value result '-40'. | | |
| 1.4.12 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one positive decimals number by one positive integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [4] button on virtual keyboard. 4. Click [/] button on virtual keyboard. 5. Click [4] button on virtual keyboard. 6. Press [=] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value ','. 3. In the input line displays the value '4'. 4. In the input line displays the value '/'. 5. In the input line displays the value '4'. 6. The all previas entered data disappears and in the input line displays the value result '0,1'. | | |
| 1.4.13 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one positive decimals number by one negative integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [2] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [1] button on virtual keyboard. 4. Click [/] button on virtual keyboard. 5. Click [3] button on virtual keyboard. 6. Click [+/-] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '2'. 2. In the input line displays the value ','. 3. In the input line displays the value '1'. 4. In the input line displays the value '/'. 5. In the input line displays the value '3'. 6. In the input line positive value '3' will change to negative form and displays the value '-3'. 7. The all previas entered data disappears and in the input line displays the value result '-0,7'. | | |
| 1.4.14 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one negative decimals number by one negative integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [2] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [7] button on virtual keyboard. 4. Click [+/-] button on virtual keyboard. 5. Click [/] button on virtual keyboard. 6. Click [9] button on virtual keyboard. 7. Click [+/-] button on virtual keyboard. 8. Press [=] button on virtual keyboard. | 1. In the input line displays the value '2'. 2. In the input line displays the value ','. 3. In the input line displays the value '7'. 4. In the input line positive value '2,7' will change to negative form and displays the value '-2,7'. 5. In the input line displays the value '/'. 6. In the input line displays the value '9'. 7. In the input line positive value '9' will change to negative form and displays the value '-9'. 8. The all previas entered data disappears and in the input line displays the value result '0,3'. | | |
| 1.4.15 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of one negative decimals number by one positive integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [4] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [5] button on virtual keyboard. 4. Click [+/-] button on virtual keyboard. 5. Click [/] button on virtual keyboard. 6. Click [5] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '4'. 2. In the input line displays the value ','. 3. In the input line displays the value '5'. 4. In the input line positive value '4,5' will change to negative form and displays the value '-4,5'. 5. In the input line displays the value '/'. 6. In the input line displays the value '5'. 7. The all previas entered data disappears and in the input line displays the value result '-0,9'. | | |
| 1.4.16 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of zero by positive integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [5] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value '/'. 3. In the input line displays the value '5'. | | |

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| | | | | | 4. Press [=] button on virtual keyboard. | 4. The all previas entered data disappears and in the input line displays the value result '0'. | | |
| 1.4.17 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of zero by negative integers number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [9] button on virtual keyboard. 4. Click [+/-] button on virtual keyboard. 5. Press [=] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value '/'. 3. In the input line displays the value '5'. 4. In the input line positive value '5' will change to negative form and displays the value '-5'. 5. The all previas entered data disappears and in the input line displays the value result '0'. | | |
| 1.4.18 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of zero by positive decimals number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [5] button on virtual keyboard. 4. Click [,] button on virtual keyboard. 5. Click [3] button on virtual keyboard. 6. Click [3] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value '/'. 3. In the input line displays the value '5'. 4. In+ the input line displays the value ','. 5. In the input line displays the value '3'. 6. In the input line displays the value '3'. 7. The all previas entered data disappears and in the input line displays the value result '0'. | | |
| 1.4.19 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of zero by negative decimals number. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [0] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [0] button on virtual keyboard. 4. Click [,] button on virtual keyboard. 5. Click [2] button on virtual keyboard. 6. Click [+/-] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '0'. 2. In the input line displays the value '/'. 3. In the input line displays the value '0'. 4. In+ the input line displays the value ','. 5. In the input line displays the value '2'. 6. In the input line positive value '0,2' will change to negative form and displays the value '-0,2'. 7. The all previas entered data disappears and in the input line displays the value result '0'. | | |
| 1.4.20 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of positive integers number by zero. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [5] button on virtual keyboard. 2. Click [/] button on virtual keyboard. 3. Click [0] button on virtual keyboard. 4. Press [=] button on virtual keyboard. | 1. In the input line displays the value '5'. 2. In the input line displays the value '/'. 3. In the input line displays the value '0'. 4. The cancels all entered action and show default value on the screen. | | |
| 1.4.21 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of negative integers number by zero. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [6] button on virtual keyboard. 2. Click [+/-] button on virtual keyboard. 3. Click [/] button on virtual keyboard. 4. Click [0] button on virtual keyboard. 5. Press [=] button on virtual keyboard. | 1. In the input line displays the value '6'. 2. In the input line positive value '6' will change to negative form and displays the value '-6'. 3. In the input line displays the value '/'. 4. In the input line displays the value '0'. 5. The cancels all entered action and show default value on the screen. | | |
| 1.4.22 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of positive decimals number by zero. Preconditions: Cancels all entered previas action (presses the "C" button) Steps: 1. Click [9] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [2] button on virtual keyboard. 4. Click [8] button on virtual keyboard. 5. Click [/] button on virtual keyboard. 6. Click [0] button on virtual keyboard. 7. Press [=] button on virtual keyboard. | 1. In the input line displays the value '9'. 2. In the input line displays the value ','. 3. In the input line displays the value '2'. 4. In the input line displays the value '8'. 5. In the input line displays the value '/'. 6. In the input line displays the value '0'. 7. The cancels all entered action and show default value on the screen. | | |
| 1.4.23 | Smoke | req 43 | Simple mode | Division function | Title: Check the division of negative decimals number by zero. Preconditions: | | | |

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| | | | | <div>Cancels all entered previas action (presses the "C" button) Steps: 1. Click [6] button on virtual keyboard. 2. Click [,] button on virtual keyboard. 3. Click [3] button on virtual keyboard. 4. Click [1] button on virtual keyboard. 5. Click [+/-] button on virtual keyboard. 6. Click [/] button on virtual keyboard. 7. Click [0] button on virtual keyboard. 8. Press [=] button on virtual keyboard.</div> | <div>1. In the input line displays the value '6'. 2. In the input line displays the value ','. 3. In the input line displays the value '3'. 4. In the input line displays the value '1'. 5. In the input line positive value '6,31' will change to negative form and displays the value '-6,31'. 6. In the input line displays the value '/'. 7. In the input line displays the value '0'. 8. The cancels all entered action and show default value on the screen.</div> | |
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