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| Name: | Add 2 Numbers |
| Summary: | User can input two numbers into the two add number fields and press the add button to receive the answer in the output field. |
| Version: | 1.0 |
| Preconditions: | 1. User must input a number in each input field |
| Triggers: | User must push the Add button. |
| Main Success Scenario: | 1. System displays app 2. User inputs two numbers 3. Add button becomes active 4. User pushes the Add button 5. System makes calculation 6. System outputs answer to answer field for user to view 7. Input fields clear 8. Add button becomes inactive |
| Alternative Success Scenarios: | 1. Bad input    1. System displays app    2. User inputs something other than two numbers    3. Add button becomes active    4. User pushes the Add button    5. System handles exceptions and displays message to user informing only numbers are allowed.    6. System clears input fields    7. Add button becomes inactive |
| Postconditions: | The answer field/variable will hold the answer from the calculation. |
| Business Rules: | 1. Only numbers will be allowed 2. All exceptions must be handled |
| Notes: | None |
| Author: | Matthew Schaupp |
| Date: | May 31, 2018 |

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| Name: | Subtract 2 Numbers |
| Summary: | User can input two numbers into the two subtract number fields and press the subtract button to receive the answer in the output field. |
| Version: | 1.0 |
| Preconditions: | 1. User must input a number in each input field |
| Triggers: | User must push the Subtract button. |
| Main Success Scenario: | 1. System displays app 2. User inputs two numbers 3. Subtract button becomes active 4. User pushes the Subtract button 5. System makes calculation 6. System outputs answer to answer field for user to view 7. Input fields clear 8. Subtract button becomes inactive |
| Alternative Success Scenarios: | 1. Bad input    1. System displays app    2. User inputs something other than two numbers    3. Subtract button becomes active    4. User pushes the Subtract button    5. System handles exceptions and displays message to user informing only numbers are allowed.    6. System clears input fields    7. Subtract button becomes inactive |
| Postconditions: | The answer field/variable will hold the answer from the calculation. |
| Business Rules: | 1. Only numbers will be allowed 2. All exceptions must be handled |
| Notes: | None |
| Author: | Matthew Schaupp |
| Date: | May 31, 2018 |

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| Name: | Multiply 2 Numbers |
| Summary: | User can input two numbers into the two multiply number fields and press the multiply button to receive the answer in the output field. |
| Version: | 1.0 |
| Preconditions: | 1. User must input a number in each input field |
| Triggers: | User must push the Multiply button. |
| Main Success Scenario: | 1. System displays app 2. User inputs two numbers 3. Multiply button becomes active 4. User pushes the Multiply button 5. System makes calculation 6. System outputs answer to answer field for user to view 7. Input fields clear 8. Multiply button becomes inactive |
| Alternative Success Scenarios: | 1. Bad input    1. System displays app    2. User inputs something other than two numbers    3. Multiply button becomes active    4. User pushes the Multiply button    5. System handles exceptions and displays message to user informing only numbers are allowed.    6. System clears input fields    7. Multiply button becomes inactive |
| Postconditions: | The answer field/variable will hold the answer from the calculation. |
| Business Rules: | 1. Only numbers will be allowed 2. All exceptions must be handled |
| Notes: | None |
| Author: | Matthew Schaupp |
| Date: | May 31, 2018 |

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| Name: | Divide 2 Numbers |
| Summary: | User can input two numbers into the two divide number fields and press the divide button to receive the answer in the output field. |
| Version: | 1.0 |
| Preconditions: | 1. User must input a number in each input field |
| Triggers: | User must push the Divide button. |
| Main Success Scenario: | 1. System displays app 2. User inputs two numbers 3. Divide button becomes active 4. User pushes the Divide button 5. System makes calculation 6. System outputs answer to answer field for user to view 7. Input fields clear 8. Divide button becomes inactive |
| Alternative Success Scenarios: | 1. Bad input    1. System displays app    2. User inputs something other than two numbers    3. Divide button becomes active    4. User pushes the Divide button    5. System handles exceptions and displays message to user informing only numbers are allowed.    6. System clears input fields    7. Divide button becomes inactive |
| Postconditions: | The answer field/variable will hold the answer from the calculation. |
| Business Rules: | 1. Only numbers will be allowed 2. All exceptions must be handled |
| Notes: | None |
| Author: | Matthew Schaupp |
| Date: | May 31, 2018 |

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| Name: | Add, Subtract, Multiply, and Divide all specified inputs |
| Summary: | User can input numbers in all input fields desired and press the calculate all button to receive that answers in all output fields. |
| Version: | 1.0 |
| Preconditions: | 1. User must input a number in each input field |
| Triggers: | User must push the Calculate All button. |
| Main Success Scenario: | 1. System displays app 2. User inputs numbers into desired input fields 3. Calculate All button becomes active 4. User pushes the Calculate All button 5. System makes calculations 6. System outputs answers to answer fields for user to view 7. Input fields clear 8. Calculate All button becomes inactive |
| Alternative Success Scenarios: | 1. Bad input    1. System displays app    2. User inputs something other than numbers    3. Calculate All button becomes active    4. User pushes the Calculate All button    5. System handles exceptions and displays message to user informing only numbers are allowed.    6. System clears input fields    7. Calculate All button becomes inactive |
| Postconditions: | The answer fields/variables will hold the answers from the calculations. |
| Business Rules: | 1. Only numbers will be allowed 2. All exceptions must be handled |
| Notes: | None |
| Author: | Matthew Schaupp |
| Date: | May 31, 2018 |