

ID	G02-TS01-F-80-01	Priority	P1
Description	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent sum of the first and the second operators	
2. Press button arithmetic operation "+"	715		
3. Enter second operator	3258		
4. Arithmetic operation button "+" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-02	Priority	P1
Description	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent subtraction of the first and the second operators	
2. Press button arithmetic operation "-"	715		
3. Enter second operator	1828		
4. Arithmetic operation button "+" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-03	Priority	P1
Description	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	8	In edit field the result is the equivalent multiplication of the first and the second operators	
2. Press button arithmetic operation "*"	715		
3. Enter second operator	5720		
4. Arithmetic operation button "+" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-04	Priority	P1
Description	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status

1. Enter first operator	9196	In edit field the result is the equivalent dividing of the first and the second operators	
2. Press button arithmetic operation "/"			
3. Enter second operator	418		
4. Arithmetic operation button "+" press.	22		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-05	Priority	P1
Description	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "+", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent sum of the first and the second operators	
2. Press button arithmetic operation "+"			
3. Enter second operator	715		
4. Arithmetic operation button "-" press.	3258		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-06	Priority	P1
Description	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent subtraction of the first and the second operators	
2. Press button arithmetic operation "-"			
3. Enter second operator	715		
4. Arithmetic operation button "-" press.	1828		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-07	Priority	P1
Description	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	8	In edit field the result is the equivalent multiplication of the first and the second operators	
2. Press button arithmetic operation "**"			
3. Enter second operator	715		
4. Arithmetic operation button "-" press.	5720		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-08	Priority	P1
Description	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "-", when the previous calculation was not completed by pressing "=" and the second operand is specified.		

Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	9196	In edit field the result is the equivalent dividing of the first and the second operators	
2. Press button arithmetic operation "/"	418		
3. Enter second operator	22		
4. Arithmetic operation button "-" press.			
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-80-09	Priority	P1
Description	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "**", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent sum of the first and the second operators	
2. Press button arithmetic operation "+"	715		
3. Enter second operator	3258		
4. Arithmetic operation button "**" press.			
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-80-10	Priority	P1
Description	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "**", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent subtraction of the first and the second operators	
2. Press button arithmetic operation "-"	715		
3. Enter second operator	1828		
4. Arithmetic operation button "**" press.			
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-80-11	Priority	P1
Description	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "**", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskiy	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	8	In edit field the result is the equivalent multiplication of the first and the second operators	
2. Press button arithmetic operation "**"	715		
3. Enter second operator	5720		
4. Arithmetic operation button "**" press.			
Postconditions			

1. Press "Clear"			
2. Close Calculator			
ID	G02-TS01-F-80-12	Priority	P1
Description	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "*", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	9196	In edit field the result is the equivalent dividing of the first and the second operators	
2. Press button arithmetic operation "/"	418		
3. Enter second operator	22		
4. Arithmetic operation button "*" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			
ID	G02-TS01-F-80-13	Priority	P1
Description	The result of the arithmetic operation "+" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent sum of the first and the second operators	
2. Press button arithmetic operation "+"	715		
3. Enter second operator	3258		
4. Arithmetic operation button "/" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			
ID	G02-TS01-F-80-14	Priority	P1
Description	The result of the arithmetic operation "-" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	2543	In edit field the result is the equivalent subtraction of the first and the second operators	
2. Press button arithmetic operation "-"	715		
3. Enter second operator	1828		
4. Arithmetic operation button "/" press.			
Postconditions			
1. Press "Clear"			
2. Close Calculator			
ID	G02-TS01-F-80-15	Priority	P1
Description	The result of the arithmetic operation "*" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			

Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	8	In edit field the result is the equivalent multiplication of the first and the second operators	
2. Press button arithmetic operation ""			
3. Enter second operator	715		
4. Arithmetic operation button "/" press.	5720		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-80-16	Priority	P1
Description	The result of the arithmetic operation "/" is displayed in the editing field after pressing the button of the arithmetic operation "/", when the previous calculation was not completed by pressing "=" and the second operand is specified.		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator	9196	In edit field the result is the equivalent dividing of the first and the second operators	
2. Press button arithmetic operation "/"			
3. Enter second operator	418		
4. Arithmetic operation button "/" press.	22		
Postconditions			
1. Press "Clear"			
2. Close Calculator			

ID	G02-TS01-F-90-01	Priority	P1
Description	Arithmetic operation "+" of the number from the edit field and the entered second operator		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Any calculation perform. The result is displayed in the edit field.			
Steps to Reproduce	Data	Expected result	Status
1. Arithmetic operation button "+" press.		1. Edit field with previous result do not change	
2. Second operator specified		2. In edit field the result is the equivalent sum of the previous result and the second operator	
3. Press "="			
Postconditions			

ID	G02-TS01-F-90-02	Priority	P1
Description	Arithmetic operation "-" of the number from the edit field and the entered second operator		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Any calculation perform. The result is displayed in the edit field.			
Steps to Reproduce	Data	Expected result	Status
1. Arithmetic operation button "-" press.		1. Edit field with previous result do not change	
2. Second operator specified		2. In edit field the result is the equivalent subtraction of the previous result and the second operator	
3. Press "="			
Postconditions			

ID	G02-TS01-F-90-03	Priority	P1
Description	Arithmetic operation "" of the number from the edit field and the entered second operator		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator.			
2. Any calculation perform. The result is displayed in the edit field.			
Steps to Reproduce	Data	Expected result	Status

1. Arithmetic operation button "*" press. 2. Second operator specified 3. Press "="		1. Edit field with previous result do not change 2. In edit field the result is the equivalent multiplication of the previous result and the second operator	
Postconditions			

ID	G02-TS01-F-90-04	Priority	P1
Description	Arithmetic operation "/" of the number from the edit field and the entered second operator		
Environment			
Designer	Andrii Cherniavskyi	Date	22.11.2022
Preconditions:			
1. Run Calculator. 2. Any calculation perform. The result is displayed in the edit field.			
Steps to Reproduce	Data	Expected result	Status
1. Arithmetic operation button "/" press. 2. Second operator specified 3. Press "="		1. Edit field with previous result do not change 2. In edit field the result is the equivalent dividing of the previous result and the second operator	
Postconditions			

ID	G02-TS01-F-100-01	Priority	P1
Description	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "+".		
Environment			
Designer	Andrii Cherniavskyi	Date	23.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "+" press. 4. Enter second operator 5. Press button "="		In edit field the result is the equivalent sum of the first and the second operators	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-100-02	Priority	P1
Description	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "-".		
Environment			
Designer	Andrii Cherniavskyi	Date	23.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "-" press. 4. Enter second operator 5. Press button "="		In edit field the result is the equivalent subtraction of the first and the second operators	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-100-03	Priority	P1
Description	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "*".		
Environment			
Designer	Andrii Cherniavskyi	Date	23.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			

Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "*" press. 4. Enter second operator 5. Press button "="		In edit field the result is the equivalent subtraction of the first and the second operators	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-100-04	Priority	P1
Description	When multiple arithmetic operations have been performed, addition will be performed if the last arithmetic operation was "/".		
Environment			
Designer	Andrii Cherniavskyi	Date	23.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Press some arithmetic operation 3. Then arithmetic operation button "/" press. 4. Enter second operator 5. Press button "="		In edit field the result is the equivalent subtraction of the first and the second operators	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-110-01	Priority	P1
Description	If the result of the arithmetic operation "+" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.		
Environment			
Designer	Andrii Cherniavskyi	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Arithmetic operation button "+" press. 3. Enter second operator 4. Press button "="	99999999999999 2 1,0e+14	In the editing field, the result of adding the first and second operators is rounded and transformed into an exponential form of the equivalent	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-110-03	Priority	P1
Description	If the result of the arithmetic operation "*" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.		
Environment			
Designer	Andrii Cherniavskyi	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Arithmetic operation button "*" press. 3. Enter second operator 4. Press button "="	55555555555555 7 3,88889e+14	In the editing field, the result of multiplication the first and second operators is rounded and transformed into an exponential form of the equivalent	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-110-04	Priority	P1
Description	If the result of the arithmetic operation "/" is more than 14 positions, it should be converted to exponential form and the result rounded to fit the edit field.		
Environment			

Designer	Andrii Cherniavskiy	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter first operator 2. Arithmetic operation button "/" press. 3. Enter second operator 4. Press button "="	1,2 56789 2,11309e-5	In the editing field, the result of dividing the first and second operators is rounded and transformed into an exponential form of the equivalent	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-120-01	Priority	P1
Description	The calculator should treat the error situation as "division by 0" and display an appropriate message		
Environment			
Designer	Andrii Cherniavskiy	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter any number (nonzero) as first operator 2. Arithmetic operation button "/" press. 3. Enter "0" as second operator 4. Press button "="		The error message "Division by zero is not possible" is displayed	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-120-02	Priority	P1
Description	The calculator should treat the error situation as undefined result and display an appropriate message		
Environment			
Designer	Andrii Cherniavskiy	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter "0" (zero) as first operator 2. Arithmetic operation button "/" press. 3. Enter "0" (zero) as second operator 4. Press button "="		The error message "The result is not determined" is displayed	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-120-03	Priority	P1
Description	The calculator should treat the error situation as a duplicate digit separator and display the appropriate message		
Environment			
Designer	Andrii Cherniavskiy	Date	24.11.2022
Preconditions:			
1. Run Calculator. 2. Press "Clear"			
Steps to Reproduce	Data	Expected result	Status
1. Enter operator with digit separator at the end 2. Press button ",", again	456,	The error message about duplicate digit separator is displayed	
Postconditions			
1. Press "Clear" 2. Close Calculator			

ID	G02-TS01-F-130-01	Priority	P1
Description	Calculator should be closed by clicking "X" button.		
Environment			

Designer	Andrii Cherniavskyi	Date	24.11.2022
Preconditions:			
1. Run Calculator.			
Steps to Reproduce	Data	Expected result	Status
1. Click on button "X" at the right upper corner window		The application Calculator will be close.	
Postconditions			