

<u>TE</u>	
PROJECT NAME	
CREATED BY	
DATE OF CREATION	
TEST CASE ID	TEST CASE
TC_01	Enter number of Operation to Perform
TC_02	Enter number of Operation to Perform
TC_03	Select input from (1-4)
TC_04	Select input from (1-4)
TC_05	Enter values to perform operation
TC_06	Enter values to perform operation
TC_07	Selected operation number is 1
TC_08	Selected operation number is 1
TC_09	Selected operation number is 2
TC_10	Selected operation number is 2

TC_11	Selected operation number is 3
TC_12	Selected operation number is 3
TC_13	Selected operation number is 4
TC_14	Selected operation number is 4
TC_15	Selected operation number is 4
TC_16	Ask to continue or not. (Y/N)
TC_17	Ask to continue or not. (Y/N)

ST CASES FOR CALCULATOR IN PYTHON

Calculator in Python

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8/31/2024

TEST DATA	EXPECTED RESULTS
Valid number of operation to perform	Successfully enter into operation to perform.
Invalid number of operation to perform	A message "Invalid Input...!!" should be shown on screen.
Valid selection from (1-4)	Ask for user input of two values to perform operation as per selection number.
Invalid selection from (1-4)	A message "Invalid Input...!!" should be shown on screen.
Invalid data values to enter (string)	A message "Invalid input, enter correct input values...!!" should be shown on screen.
Valid data values to enter (int/float)	Perform operation selected successfully and show result.
Enter two positive values	Perform addition of two numbers and display result.
Enter one negative, one positive or both negative values.	Perform addition of two numbers and display result.
Enter two positive values	Perform subtraction of two numbers and display result.
Enter one negative, one positive or both negative values.	Perform subtraction of two numbers and display result.

Enter two positive values	Perform multiplication of two numbers and display result.
Enter one negative, one positive or both negative values.	Perform multiplication of two numbers and display result.
Enter two positive values	Perform division of two numbers and display result.
Enter one negative, one positive or both negative values.	Perform division of two numbers and display result.
Enter one negative/positive and another 0	A message "Division Error" should be shown.
Enter Y	User input for operation number to perform.
Enter N	A message "Calculator Shutdown Successfully" should be shown.

ACTUAL RESULT
Succesfully entered into operation to perform.
A message "Invalid Input...!!" is shown on screen.
Asks user input for two values to perform operation as per selection number.
A message "Invalid Input...!!" is shown on screen.
A message "Invalid input, enter correct input values...!!" is shown on screen.
Performed operation selected successfully and show result.
Performed addition of two numbers and display result.
Performed addition of two numbers and display result.
Performed substraction of two numbers and display result.
Performed substraction of two numbers and display result.

Performed multiplication of two numbers and display result.
Performed multiplication of two numbers and display result.
Performed division of two numbers and display result.
Performed division of two numbers and display result.
A message "Division Error" is shown.
User input for operation to perform.
A message "Calculator Shutdown Successfully" is shown.