

**TEST CASES FOR CALCULATOR IN PYTHON**

PROJECT NAME	Calculator in Python			
CREATED BY	Pushpak Sunil Rane			
DATE OF CREATION	31-08-2024			
TEST CASE ID	TEST CASE	TEST DATA	EXPECTED RESULTS	ACTUAL RESULT
TC_01	Enter number of Operation to Perform	Valid number of operation to perform	Successfully enter into operation to perform.	Succesfully entered into operation to perform.
TC_02	Enter number of Operation to Perform	Invalid number of operation to perform	A message "Invalid Input...!!" should be shown on screen.	A message "Invalid Input...!!" is shown on screen.
TC_03	Select input from (1-4)	Valid selection from (1-4)	Ask for user input of two values to perform operation as per selection number.	Asks user input for two values to perform operation as per selection number.
TC_04	Select input from (1-4)	Invalid selection from (1-4)	A message "Invalid Input...!!" should be shown on screen.	A message "Invalid Input...!!" is shown on screen.
TC_05	Enter values to perform operation	Invalid data values to enter (string)	A message "Invalid input, enter correct input values...!!" should be shown on screen.	A message "Invalid input, enter correct input values...!!" is shown on screen.
TC_06	Enter values to perform operation	Valid data values to enter (int/float)	Perform operation selected successfully and show result.	Performed operation selected successfully and show result.
TC_07	Selected operation number is 1	Enter two positive values	Perform addition of two numbers and display result.	Performed addition of two numbers and display result.
TC_08	Selected operation number is 1	Enter one negative, one positive or both negative values.	Perform addition of two numbers and display result.	Performed addition of two numbers and display result.
TC_09	Selected operation number is 2	Enter two positive values	Perform subtraction of two numbers and display result.	Performed subtraction of two numbers and display result.
TC_10	Selected operation number is 2	Enter one negative, one positive or both negative values.	Perform subtraction of two numbers and display result.	Performed subtraction of two numbers and display result.
TC_11	Selected operation number is 3	Enter two positive values	Perform multiplication of two numbers and display result.	Performed multiplication of two numbers and display result.
TC_12	Selected operation number is 3	Enter one negative, one positive or both negative values.	Perform multiplication of two numbers and display result.	Performed multiplication of two numbers and display result.
TC_13	Selected operation number is 4	Enter two positive values	Perform division of two numbers and display result.	Performed division of two numbers and display result.
TC_14	Selected operation number is 4	Enter one negative, one positive or both negative values.	Perform division of two numbers and display result.	Performed division of two numbers and display result.
TC_15	Selected operation number is 4	Enter one negative/positive and another 0	A message "Division Error" should be shown.	A message "Division Error" is shown.
TC_16	Ask to continue or not. (Y/N)	Enter Y	User input for operation number to perform.	User input for operation to perform.
TC_17	Ask to continue or not. (Y/N)	Enter N	A message "Calculator Shutdown Successfully" should be shown.	A message "Calculator Shutdown Successfully" is shown.