TEST CASES FOR TIP CALCULATOR

Test Case No.	INPUTS			OUTPUTS		Test case description
	Bill	Tip%	Number of people	Tip per person	Total per person	
1	500.00	10	2	$25.00	$275.00	Valid inputs
2	500.00	10	3	$16.67	$183.33	Valid inputs
3	500	5.5	7	$3.93	$75.36	Valid inputs
4	0	0	0	-	-	No outputs displayed when all inputs are 0
5	0	0	1	$0.00	$0.00	If no. of persons is a positive number, values are displayed
6	500.00	0	0	-	-	If no. of persons is not a positive number, output not displayed
7	500.00	10	0	-	-	If no. of persons is not a positive number, output not displayed
8	0	10	2	$0.00	$0.00	If no. of persons is a positive number, values are displayed
9	0	10	0	-	-	If no. of persons is not a positive number, output not displayed
10	500.00	0	1	$0.00	$500.00	
11	500.00	0	2	$0.00	$250.00	
12	+1	ERROR MESSAGE – ENTER NUMBERS ONLY					Special characters not allowed
13	C	ERROR MESSAGE – ENTER NUMBERS ONLY					Special characters and alphabets not allowed
14	300..	ERROR MESSAGE – INCORRECT FORMAT					Double Decimal not allowed
15	500.00	HA	ERROR MESSAGE – ENTER NUMBERS ONLY				Special characters and alphabets not allowed
16	500.00	%	ERROR MESSAGE – ENTER NUMBERS ONLY				Special characters not allowed
17	500.00.4	ERROR MESSAGE – INCORRECT FORMAT					Double Decimal not allowed
18	500.00	12%	ERROR MESSAGE – INCORRECT FORMAT				Special characters not allowed
19	340.00	14	34p	$1.40	$11.40	Error Message- Enter no only- as soon as p is entered

20	450.00	5	One	ERROR MESSAGE – ENTER NUMBERS ONLY	Special characters and alphabets not allowed
21	300.00	5	.	ERROR MESSAGE – ENTER NUMBERS ONLY	Special characters and alphabets not allowed
22	500.00	10.0.		ERROR MESSAGE – ENTER NUMBERS ONLY	Double Decimal not allowed

- Calculate() function ensures that output is not displayed when all or any of the fields are empty

Bill	Tip%	No. of people	Tip per person	Total per person
-	-	-	-	-
✓	-	-	-	-
✓	✓	-	-	-
✓	-	✓	-	-
-	✓	-	-	-
-	✓	✓	-	-
-	-	✓	-	-
✓	✓	✓	✓	✓

- When (-) button for tip% and number of persons is clicked, we ensure that the value in textbox doesn't get negative
- When the Tip % Text box is empty and the user presses the (+) button, Tip % text box will have 1 in it by default
- When the Tip % Text box is empty and the user presses the (-) button, Tip % text box will have 0 in it by default

- When the No of Persons Text box is empty and the user presses the (+) button, No of Persons text box will have 1 in it by default
- When the No of Persons Text box is empty and the user presses the (-) button, No of Persons text box will have 0 in it by default
- User will not be able to input any currency before the bill amount (or any other non-numeric data)