

Tip Calculator Test Cases (Souvik Saha - 17BCS1099)

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Calculate tip per person and bill per person	1. Enter bill amount, tip percentage and the number of people. 2. Press Calculate button.	Bill : 500 Tip % : 10 No. of people: 2	Tip per person: \$25 Bill per person: \$275	Tip per person: \$25 Bill per person: \$275	Pass
TC02	Enter invalid data in bill amount	Enter characters in bill amount input box..	Abcd	Input characters not displayed in input box as only numbers are allowed.	Input characters not displayed in input box as only numbers are allowed	Pass
TC03	Enter invalid data in tip percentage	Enter characters in tip percentage input box .	hgtfd	Input characters not displayed in input box as only numbers are allowed.	Input characters not displayed in input box as only numbers are allowed.	Pass
TC04	Enter invalid data in number of person	Enter characters in number of person input box .	hgyet	Input characters not displayed in input box as only numbers are allowed.	Input characters not displayed in input box as only numbers are allowed.	Pass
TC05	Enter bill amount less than 1.	Enter bill amount less than 1.	-200	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Pass
TC06	Enter bill amount greater than 500000	Enter bill amount greater than 500000	600000	Will take input as 60000 and will not include the last 0.	Results as per 60000 is displayed.	Pass
TC07	Enter bill amount greater than 500000 with help of increment button	Enter bill amount greater than 500000 with help of increment button.	500001	Will not increase after 500000	Results as per 500000 will be displayed.	Pass

TC08	Do not enter bill amount and press calculate button.	Do not enter bill amount and press calculate button.	Press calculate button.	Alert message will be displayed that "Bill amount must be filled out."	Alert message displayed : "Bill amount must be filled out"	Pass
TC09	Do not enter number of person after entering other data	1. Enter bill amount and tip percentage. 2. Press Calculate button.	Bill amount : 500 Tip perc: 10	Tip per person : \$50 Bill per person : \$550 (number of persons is by default 1)	Tip per person : \$50 Bill per person : \$550	Pass
TC10	Do not enter tip percentage after entering other data	1. Enter bill amount and number of person.. 2. Press Calculate button.	Bill amount : 500 Number of person: 2	Alert message will be displayed: "Enter tip percentage"	"Enter tip percentage"	Pass
TC11	Enter tip percentage less than 1 .	Enter tip percentage less than 1 .	Tip perc : -10%	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Pass
TC12	Enter number of people less than 1 .	Enter number of people less than 1 .	Number of people : -2	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Input characters not displayed in input box as only numbers greater than 1 are allowed.	Pass
TC13	Increase tip percentage by 5% with help of increment button.	Press the "+" button to increase the tip percentage by 5% every single time.	Press "+" button beside tip percentage.	5 ... 10 15 ... and so on .	5 ... 10 15 ... and so on .	Pass
TC14	Decrease tip percentage by 5% with help of decrement button.	Press the "-" button to decrease the tip percentage by 5% every single time.	Press "-" button beside tip percentage.	15.... 10 ... 5... 0 and not less than 0.	15.... 10 ... 5... 0 and not less than 0.	Pass
TC15	Increase number of people by 1 with help of	Press the "+" button to increase the number of people by 1 every single time.	Press "+" button beside number of	1...2....3....4... and so on.	1...2....3....4... and so on.	Pass

	increment button.		people.			
TC16	Decrease number of people by 1 with help of decrement button.	Press the “-” button to decrease the number of people by 1 every single time.	Press “-” button beside number of people.	4...3....2....1 will stop at 1 .	4...3....2....1 will stop at 1 .	Pass
TC17	Enter tip percentage as 100%	Enter the value of tip percentage as 100%	Bill : 500 Tip perc: 100% Number of people: 2	Tip per person : \$250 Bill per person: \$500	Tip per person : \$250 Bill per person: \$500	Pass
TC18	Enter number of people as “100”	Enter the value of number of people as “100”.	Bill : 10000 Tip perc: 1% Number of people: 100	Tip per person : \$1 Bill per person: \$101	Tip per person : \$1 Bill per person: \$101	Pass
TC19	Decrease the window size of the browser	Try to decrease the window size of the browser	Decrease window size.	Application container window shrinks or resize accordingly for clear output.	Application container window shrinks or resize accordingly for clear output.	Pass
TC20	Increase the window size of the browser	Try to increase the window size of the browser	Increase window size.	Application container window enlarges or resize accordingly for clear output.	Application container window enlarges or resize accordingly for clear output.	Pass

Screenshots of the Project



Tip Calculator

Bill <input type="text" value="5000"/>	
Tip % - <input type="text" value="10"/> +	
Number of people - <input type="text" value="3"/> +	
<input type="button" value="Calculate"/>	
	Tip per person \$166.67
	Total per person \$1833.33



This page says
Bill amount must be filled out

OK

Bill <input type="text" value="Enter Bill amount"/>	
Tip % - <input type="text" value="5"/> +	
Number of people - <input type="text" value="2"/> +	
<input type="button" value="Calculate"/>	
	Tip per person
	Total per person



