

Tip Calculator

PROJECT TITLE Tip Calculator

TECHNOLOGY JavaScript

DATE 26/06/21

Test ID	Test Case Name	Test Case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
T1	Start Application	To check whether the application runs on clicking the link	Click on the application link. https://kashishvaish.github.io/Tip-Calculator/		The application should open on the browser.	The application opens in the browser.	PASS
T2	Bill Input Field	Does the application provide an input field to specify Bill Amount	<ol style="list-style-type: none">1. Run the application2. Is there an input field to specify Bill Amount?		Bill input field should be present.	Bill input field is present.	PASS
T3	Tip % Input Field	Does the application provide an input field to specify Tip %	<ol style="list-style-type: none">1. Run the application2. Is there an input field to specify Tip%?		Tip% input field should be present.	Tip% input field is present.	PASS
T4	Number of People Input Field	Does the application provide an input field to specify the number of people	<ol style="list-style-type: none">1. Run the application2. Is there an input field to specify the number of people?		Number of People input field should be present.	Number of People input field is present.	PASS
T5	Enter Bill Amount	To check whether the user is able to enter bill	<ol style="list-style-type: none">1. Run the application2. Enter Bill Amount value	Bill Amount = 100.00	User should be able to enter value in the input	Value can be entered in the input field.	PASS

		amount.	in bill field		field.		
T6	Enter Tip %	To check whether the user is able to enter the Tip%	<ol style="list-style-type: none"> 1. Run the application 2. Enter Tip% value in Tip% field 	Tip% = 10	User should be able to enter value in the input field.	Value can be entered in the input field.	PASS
T7	Enter Number of People	To check whether the user is able to enter the number of people.	<ol style="list-style-type: none"> 1. Run the application 2. Enter the Number of People in number of people field 	Number of People = 2	User should be able to enter value in the input field.	Value can be entered in the input field.	PASS
T8	Shows output in real-time	To check whether the application shows output as soon as the input is typed (without clicking on any button).	<ol style="list-style-type: none"> 1. Run the application 2. Change the values of input fields 		User should be able to see the output changing in real time.	The output is displayed as soon as the input is typed.	PASS
T9	Gives Correct Output 1	To check whether the application gives correct output.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Bill Amount value in bill field 3. Enter Tip% value in Tip% field 4. Enter Number of People value in number of people field. 	Bill Amount = 500.00 Tip% = 10 Number of People = 2	Tip per person = \$25.00 Total per person = \$275.00	Tip per person = \$25.00 Total per person = \$275.00	PASS
T10	Gives Correct Output 2	To check whether the application gives correct output.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Bill Amount value in bill field 3. Enter Tip% value in Tip% field 4. Enter Number of People value in 	Bill Amount = 1500.00 Tip% = 20 Number of People = 10	Tip per person = \$30.00 Total per person = \$180.00	Tip per person = \$30.00 Total per person = \$180.00	PASS

			number of people field.				
T11	Is bill amount mandatory?	To check that the bill amount is a mandatory field.	<ol style="list-style-type: none"> 1. Open the application 2. Remove everything from the bill input field 		Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T12	Is tip% mandatory?	To check that the tip% is a mandatory field.	<ol style="list-style-type: none"> 1. Open the application 2. Remove everything from the tip% input field 		Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T13	Is number of people mandatory?	To check that the number of people is a mandatory field.	<ol style="list-style-type: none"> 1. Open the application 2. Remove everything from the number of people input field 		Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T14	Enter negative value in bill field	To check how the application reacts when negative value is given in bill field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Bill Amount value in bill field 	Bill Amount = -60.00	Application should show an error and output should not be printed.	Application shows "Enter a positive value." and the output is not printed.	PASS
T15	Enter negative value in tip% field	To check how the application reacts when negative value is given in tip% field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Tip% value in Tip% field 	Tip% = -10	Application should show an error and output should not be printed.	Application shows "Enter a positive value." and the output is not printed.	PASS
T16	Enter negative value in number of people field	To check how the application reacts when negative	<ol style="list-style-type: none"> 1. Run the application 2. Enter the Number of People in 	Number of People = -2	Application should show an error and output	Application shows "Enter a positive value." and	PASS

		value is given in number of people field.	number of people field		should not be printed.	the output is not printed.	
T17	Enter invalid value in bill field	To check how the application reacts when invalid value is given in bill field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Bill Amount value in bill field 	<ol style="list-style-type: none"> 1. Bill Amount = 6-7 2. Bill Amount = 90+-e 	Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T18	Enter invalid value in tip% field	To check how the application reacts when invalid value is given in tip% field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Tip% value in Tip% field 	<ol style="list-style-type: none"> 1. Tip% = 6-7 2. Tip% = 90e 	Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T19	Enter invalid value in number of people field	To check how the application reacts when invalid value is given in number of people field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter the Number of People in number of people field 	<ol style="list-style-type: none"> 1. Number of people = 6-7 2. Number of people = 90e 	Application should show an error and output should not be printed.	Application shows "Invalid input." and the output are not printed.	PASS
T20	Enter value more than 100 in tip% field	To check how the application reacts when value more than 100 is given in tip% field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Tip% value in Tip% field 	<ol style="list-style-type: none"> 1. Tip% = 607 2. Tip% = 900 	Application should show an error and output should not be printed.	Application shows "Value should be less than 100." and the output is not printed.	PASS
T21	Increment Tip% value	To check the functioning of increment button of Tip% field.	<ol style="list-style-type: none"> 1. Run the application 2. Click tip% increment button. 		The tip% value must increase by 1. The value should not increase more than 100 on clicking the button.	Tip% value is incremented by 1. Value does not increase after 100.	PASS

T22	Decrement Tip% value	To check the functioning of decrement button of Tip% field.	<ol style="list-style-type: none"> 1. Run the application 2. Click tip% decrement button. 		The tip% value must decrease by 1. The value should not decrease less than 0 on clicking the button.	Tip% value is decremented by 1. Value does not decrease after 0.	PASS
T23	Increment Number of people value	To check the functioning of increment button of number of people field.	<ol style="list-style-type: none"> 1. Run the application 2. Click number of people increment button. 		The number of people value must increase by 1.	Number of people value is incremented by 1.	PASS
T24	Decrement Number of people value	To check the functioning of decrement button of number of people field.	<ol style="list-style-type: none"> 1. Run the application 2. Click number of people decrement button. 		The number of people value must decrease by 1. The value should not decrease less than 0 on clicking the button.	Number of people value is decremented by 1. Value does not decrease after 0.	PASS
T25	Enter a value long enough to be invalid in bill field	To check how the application reacts when a very long (invalid) value is given in bill field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter Bill Amount value in bill field 	Bill Amount = 111111111111111111111111	Application should show an error and output should not be printed.	Application shows "Too long! Enter a valid value." and the output is not printed.	PASS
T26	Enter a value long enough to be invalid in number of people field	To check how the application reacts when a very long (invalid) value is given in number of people field.	<ol style="list-style-type: none"> 1. Run the application 2. Enter the Number of People in number of people field 	Number of people = 911323434554665565556	Application should show an error and output should not be printed.	Application shows "Too long! Enter a valid value." and the output is not printed.	PASS

T27	Responsive	To check whether the application is responsive and compatible with small screen sizes.	Open the application on the mobile phone or resize your browser window.		The application should look presentable on various screen sizes.	The application is responsive and compatible with small screen sizes.	PASS
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