| **No.** | **Test case Objective** | **Input data** | **Expected Result** | **Actual Result** | **Remarks** |
| --- | --- | --- | --- | --- | --- |
| 1 | To enter a positive integer value as bill amount and displays the result | 500  15  2 | 37.50  287.50 | 37.50  287.50 | Pass |
| 2 | To enter a floating value as bill amount and displays the result | 100.50  15  2 | It displays an error message | It displays an error message | Pass |
| 3 | To enter a negative integer value as bill amount and displays the result | -500  15  2 | It displays an error message | It displays an error message | Pass |
| 4 | To enter 0 as bill amount and displays the result | 0  15  2 | It displays an error message | It displays an error message | Pass |
| 5 | To enter a positive integer value (between 5 and 30) as tip percentage and displays the result | 800  10  4 | 20  220 | 20  220 | Pass |
| 6 | To enter a positive integer value less than 5 as tip percentage and displays the result | 800  4  2 | It displays an error message | It displays an error message | Pass |
| 7 | To enter a positive integer value greater than 30 as tip percentage and displays the result | 800  31  2 | It displays an error message | It displays an error message | Pass |
| 8 | To enter a floating value as tip percentage and displays the result | 800  10.5  2 | It displays an error message | It displays an error message | Pass |
| 9 | To enter a positive integer value as number of people and displays the result | 350  20  3 | 23.33  140 | 23.33  140 | Pass |
| 10 | To enter a negative integer value as number of people and displays the result | 350  20  -2 | It displays an error message | It displays an error message | Pass |
| 11 | To enter 0 as number of people and displays the result | 350  20  0 | It displays an error message | It displays an error message | Pass |
| 12 | To enter a floating value as number of people and displays the result | 350  20  4.5 | It displays an error message | It displays an error message | Pass |
| 13 | To enter bill amount as floating value and tip percentage value outside (5 - 30) | 400.30  4  2 | It displays an error message | It displays an error message | Pass |
| 14 | To enter tip percentage value outside (5 - 30) and number of people as floating value | 400  32  2.5 | It displays an error message | It displays an error message | Pass |
| 15 | To enter bill amount as floating value and number of people as floating value | 400.30  10  2.5 | It displays an error message | It displays an error message | Pass |
| 16 | To enter bill amount and tip percentage 0 | 0  0  2 | It displays an error message | It displays an error message | Pass |
| 17 | To enter tip percentage and number of people 0 | 500  0  0 | It displays an error message | It displays an error message | Pass |
| 18 | To enter bill amount and number of people 0 | 0  15  0 | It displays an error message | It displays an error message | Pass |
| 19 | To enter all inputs as 0 | 0  0  0 | It displays an error message | It displays an error message | Pass |
| 20 | To leave all input fields empty | -  -  - | It displays an error message | It displays an error message | Pass |