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| **S.no** | **Summary** | **Test case** | **Expected result** |
| **1** | Check for correct whole numbers | Enter whole number input for all 3 inputs and press calculate | Correct tip value and bill amt. per person is shown |
| **2** | Check for correct decimal numbers | Enter float number for bill or tip without exceeding two decimal places and whole for person and calculate | Correct tip value and bill amt. per person is shown |
| **3** | Test reset button | Press reset button after any valid input | The inputs and outputs are reset |
| **4** | Test reset button | Press reset button without any input | The inputs and outputs stay empty |
| **5** | Check for empty or zero inputs | Do not enter value(s) for any combination of bill/tip/person or leave them at zero or manually apply zero value and press calculate | Relevant error is shown and no output is given |
| **6** | Check for decimal inputs with large decimal places | Enter float value(s) for any combination of bill/tip/person that exceed 2 decimal places and press calculate | Relevant error is shown and no output is given |
| **7** | Check for negative values | Enter negative value(s) for any combination of bill/tip/person and press calculate | Relevant error is shown and no output is given |
| **8** | Check for non-number inputs | Enter Non-number/string value(s) for any combination of bill/tip/person and press calculate | Relevant error is shown and no output is given |
| **9** | Check for very large inputs | Enter very large value(s) for any combination of bill/tip/person | Relevant error is shown and no output is given |
| **10** | Check for decimal inputs in person | Enter float value(s) for no. off persons input and press calculate | Relevant error is shown and no output is given |
| **11** | Check combinations of incorrect value | Enter float value for no of person and negative for bill/tip and press calculate | Relevant error is shown and no output is given |
| **12** | Check combinations of incorrect value | Enter negative value for no of person and float value that exceeds 2 decimal places for bill/tip and press calculate | Relevant error is shown and no output is given |
| **13** | Check combinations of incorrect value | Enter empty value for bill and negative value for the rest of the inputs and press calculate | Relevant error is shown and no output is given |
| **14** | Check combinations of incorrect value | Enter empty value for bill, negative for tip and decimal for tip and press calculate | Relevant error is shown and no output is given |
| **15** | Check combinations of incorrect value | Enter empty value for persons and negative value for the rest of the input and press calculate | Relevant error is shown and no output is given |
| **16** | Check combinations of incorrect value | Perform test case #5 and press reset, perform all the other cases | Relevant error is shown and no output is given |
| **17** | Check combinations of incorrect value | Perform test case #6 and press reset, perform all the other cases | Relevant error is shown and no output is given |
| **18** | Check combinations of incorrect value | Perform test case #7 and press reset, perform all the other cases | Relevant error is shown and no output is given |
| **19** | Check combinations of incorrect value | Perform test case #8 and press reset, perform all the other cases | Relevant error is shown and no output is given |
| **20** | Check combinations of incorrect value | Perform test case #9 and press reset, perform all the other cases | Relevant error is shown and no output is given |