**Test Cases**

* The calculator give the correct result as checked against various inputs

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| Test Case Description | Test Data | Expected Result |  |
| 1 | BILL – 1000, TIP – 1, Number of People- 1 | TIP PER PERSON -10  Total per person- 1010 |  |
| 2 | BILL – 1000, TIP – 2, Number of People- 3 | TIP PER PERSON -6.67  Total per person- 340.00 |  |
| 3 | BILL – 1000, TIP – 3, Number of People- 4 | TIP PER PERSON -7.50  Total per person- 257.50 |  |
| 4 | BILL – 1000, TIP – 10, Number of People- 7 | TIP PER PERSON -14.29  Total per person- 157.14 |  |
| 5 | BILL – 1000, TIP – 13, Number of People- 7 | TIP PER PERSON -18.57  Total per person- 161.43 |  |
| 6 | BILL – 1000, TIP – 22, Number of People- 7 | TIP PER PERSON -31.43  Total per person- 174.29 |  |
| 7 | BILL – 1000, TIP – 5, Number of People- 10 | TIP PER PERSON -5.00  Total per person- 105.00 |  |
| 8 | BILL – 1000, TIP – 100, Number of People- 7 | TIP PER PERSON -142.86  Total per person- 285.71 |  |
| 9 | BILL – 1000, TIP – 41, Number of People- 7 | TIP PER PERSON -58.57  Total per person- 201.43 |  |
| 10 | BILL – 1, TIP – 13, Number of People- 13 | TIP PER PERSON -0.01  Total per person- 1.01 |  |
| 11 | BILL – 22, TIP – 1, Number of People- 1 | TIP PER PERSON -0.03  Total per person- 3.17 |  |
| 12 | BILL – 1700, TIP – 22, Number of People- 3 | TIP PER PERSON -124.67  Total per person- 691.33 |  |
| 13 | BILL – 1700, TIP – 20, Number of People- 3 | TIP PER PERSON -113.33  Total per person- 680.00 |  |
| 14 | BILL – 1700, TIP – 20, Number of People- 7 | TIP PER PERSON -48.57  Total per person- 291.43 |  |
| 15 | BILL – 1300, TIP – 86, Number of People- 3 | TIP PER PERSON – 372.67  Total per person- 806.00 |  |
| 16 | BILL – 1300, TIP – 79, Number of People- 5 | TIP PER PERSON -205.40  Total per person- 465.40 |  |
| 17 | BILL – 1300, TIP – 82, Number of People- 7 | TIP PER PERSON -152.29  Total per person- 338.00 |  |
| 18 | BILL – 100, TIP – 100, Number of People- 100 | TIP PER PERSON -10  Total per person- 1010 |  |
| 19 | BILL – 1000, TIP – 1, Number of People- 1 | TIP PER PERSON -1.00  Total per person- 2.00 |  |
| 20 | BILL – 0, TIP – 0, Number of People- 0 | TIP PER PERSON -Invalid inputs  Total per person- Invalid Inputs |  |

* It accepts values from 0 – 100 for tip percent and values greater than 1 for number of people
* Verified that user can delete digits one by one by using backspace button.
* The input fields support input using copy and paste functions
* The bills sections, tip % and Number of People can take values up to 20, 3 and 3 respectively.
* The input fields do not accept values other than number.
* While in full screen, the calculator can display results up to length of 24 digits easily while it switches to hexadecimal mode over that. In responsive mode, this length varies according to the size of the window
* The app is responsive and can easily fit to any screen size.
* This app makes use of bootstrap for its responsiveness.
* Web page content should be correct without any spelling or grammatical errors
* All the text are properly aligned.
* All the buttons should be in a standard format and size.
* There are no broken links or images.
* The app would run on any browser that supports HTML, CSS and JS
* There are error messages on submit if the information filled by the user does not match the required criteria.
* All textbox, and buttons are accessible using mouse as well as keyboard
* All fields are mandatory
* The system handles decimal numbers and recurring numbers by rounding off to two decimals places for ease of display.
* JS has been tested with edge, chrome and Mozilla and works perfectly
* The text fields initially display some placeholder data