

TIP CALCULATOR:

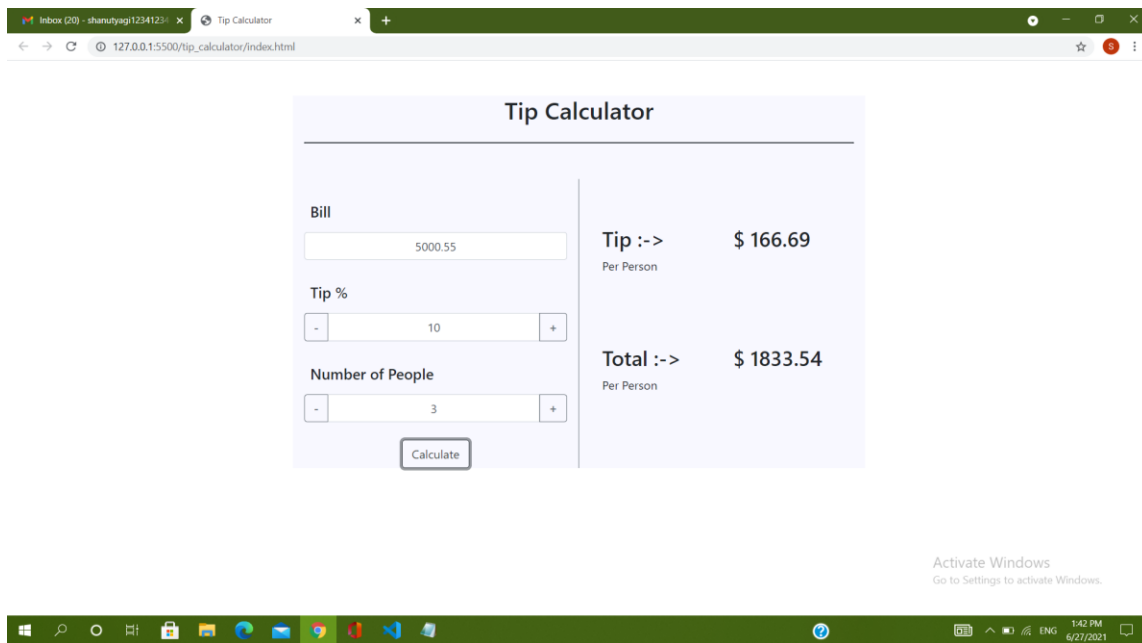
The Tip Calculator calculates tip amount for various percentages of the cost of the service and also provides a total amount that includes the tip.

THERE ARE SOME TESTING CASES WHICH HAVE TO BE IMPLEMENTED IN TIP CALCULATOR:

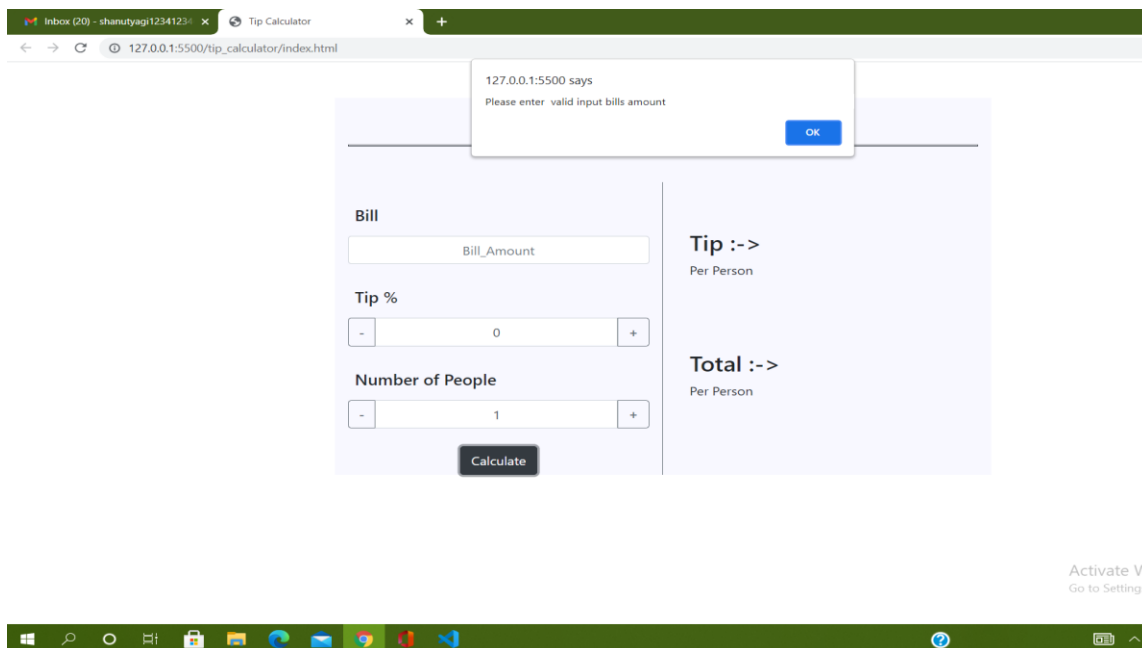
- 1.It works only on live server because it contains JavaScript module file.
- 2.The designing of application should be simple and easy to work on it.

The screenshot shows a web browser window with two tabs: 'Inbox (20) - shanujag1234123' and 'Tip Calculator'. The address bar displays '127.0.0.1:5500/tip_calculator/index.html'. The application, titled 'Tip Calculator', features a light blue background and a vertical split layout. The left side contains three input fields: 'Bill' (text input with 'Bill_Amount'), 'Tip %' (numeric input with '0' and minus/plus buttons), and 'Number of People' (numeric input with '1' and minus/plus buttons). A 'Calculate' button is positioned at the bottom left. The right side displays two output sections: 'Tip :->' with 'Per Person' below it, and 'Total :->' with 'Per Person' below it.

3. Calculator must give the correct result in decimal value operations.



4.If user don't enter the value of bill amount and want to calculate it will show an alert message (Please enter valid input bill amount).



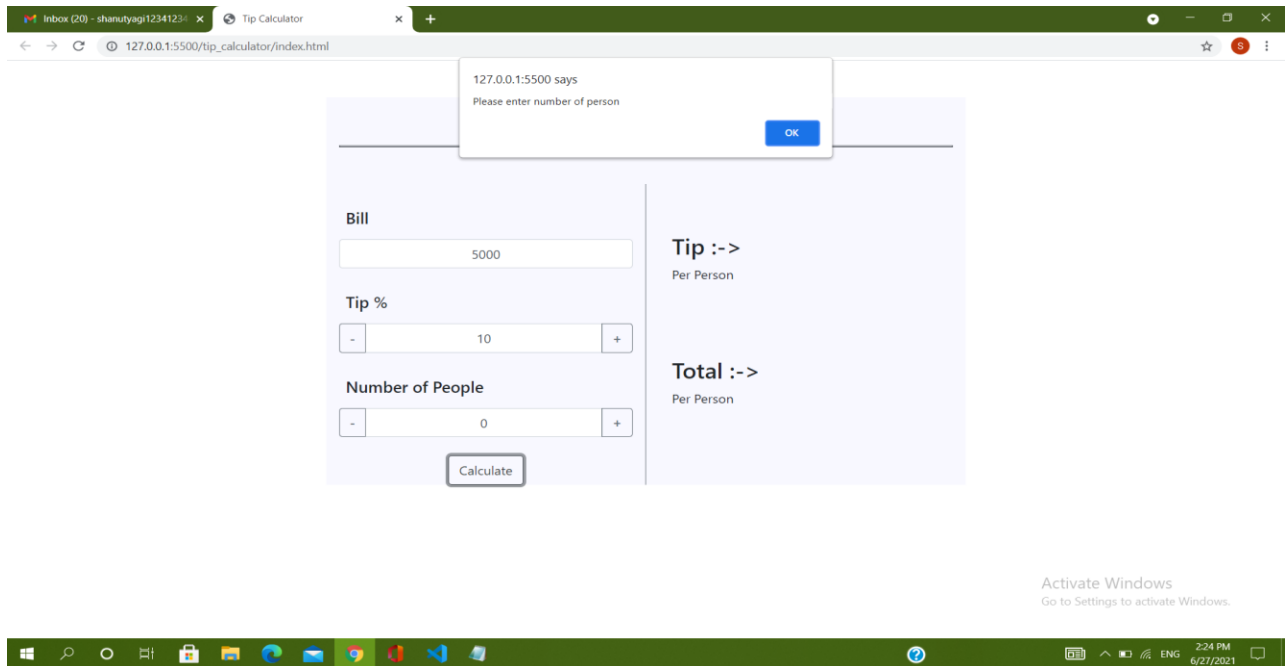
5.If user gives the value of Bill amount and Number of people but not gives the value of Tip%, it will automatically consider Tip% value as a 0.

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/tip_calculator/index.html'. The application is titled 'Tip Calculator'. It has three input fields on the left: 'Bill' with the value 5000, 'Tip %' with the value 0, and 'Number of People' with the value 2. A 'Calculate' button is at the bottom left. On the right, the results are displayed: 'Tip :-> \$ 0.00 Per Person' and 'Total :-> \$ 2500.00 Per Person'. An 'Activate Windows' watermark is visible in the bottom right corner of the browser window.

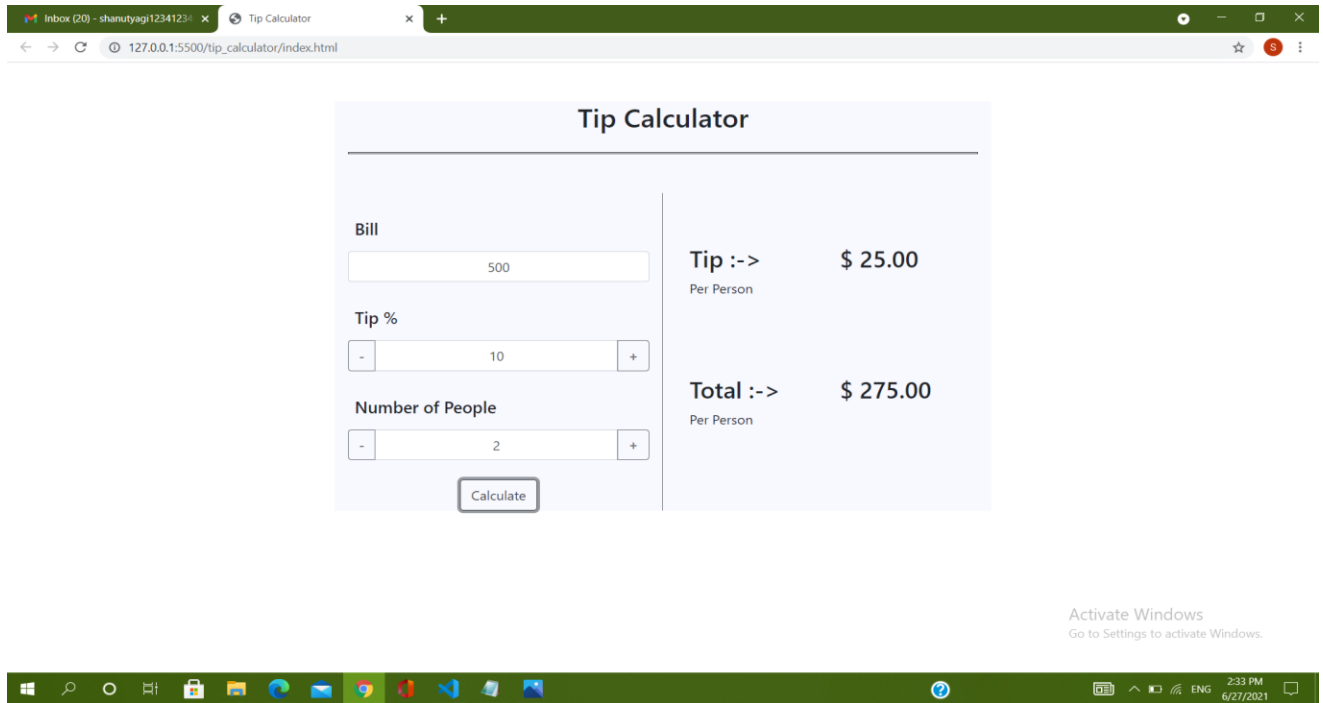
6.If user gives the value of Bill Amount and Tip% and forget to give the value of Number of persons it will take a default value of Number of Person is 1.

The screenshot shows the same 'Tip Calculator' application. The 'Bill' is still 5000, but the 'Tip %' is now 10, and the 'Number of People' is 1. The 'Calculate' button is highlighted. The results on the right are: 'Tip :-> \$ 500.00 Per Person' and 'Total :-> \$ 5500.00 Per Person'. The 'Activate Windows' watermark is also present in the bottom right corner.

7.If user enter the value of Number of persons is 0, it will show an alert message



8.It must do accurate calculation according to the given condition of the user.



9. Increment and Decrement Buttons perform accurately in Tip% and Number of persons.

10. User cannot decrease the value of Tip% below 0 by pressing decrement button.

11. User cannot decrease the value of Number of persons below 0 using decrement button.

12. User can take value of Bill amount in terms of integer as well as in decimal.

13. User can take value of Tip% in terms of integer only.

14. User can take value of Number of persons in terms of integer only.

15. User can't enter alphabetic value in all the three input fields (Bill amount, Tip%, Number of Persons).

16. User can't enter negative value in all the three input fields (Bill amount, Tip%, Number of Persons).

17. The Tip calculator works both in Mobile Application and desktop Application.

18. If Tip% and Number of persons are empty then user will increase the value using increment button.

19. If Tip% and Number of persons are empty then decrement button will not work.

20. The Increment button and Decrement button will work only when they have some value in it.

21. All the three input fields are mandatory to fill either it is user value, or it is default value in such a situation it calculates result otherwise not.