

Tip Calculator

Assignment

Question

Tip Calculator is an app written on C# that takes the Bill Amount, Tip % you want to give and Total Number of people among whom the bill has to be split. To ensure that app is highly reliable & secure you are required to write 20 test cases that will be used for testing various functionalities of Tip Calculator.

Test Cases

1. Input value should be a number.
2. Check that the input is not empty.
3. Check that user can input decimal.
4. Check that the Bill Amount is not negative.
5. Check that the tip % is not negative.
6. Check that total number of people is not inputted as 0.
7. Ensure the calculator is secure with proper access specifiers.
8. Verify that the output is correct for integral and decimal inputs.
9. Ensure min and max values are specified for each inputs.
10. Ensure that whole output is visible inside the box.
11. Ensure that the user can copy values to the calculator.
12. Ensure that the user can paste values in the calculator.
13. Ensure that exceptions are handled properly.
14. Check that backspace key work in inputs.
15. Check that delete key work in inputs.
16. Verify that "+" button for tip increments tip % by 1.
17. Verify that "-" button for tip decrements tip % by 1.
18. Verify that "+" button for number of people increments it by 1.
19. Verify that "-" button for number of people decrements it by 1.
20. Ensure that the UI works properly with different resolutions.