Name- Suyash sharma

Name- Tip Calculator

College – Manav Rachna University

The test cases for testing this application:

Test case 1: Checking system requirements (Should work on machines and software’s with minimum requirements i.e. on every OS platforms and hardware systems)

Test case 2: inputBill variable should only accept integer value.

Test case 3: inputTip variable should only accept integer value.

Test case 4: inputPerson variable should only accept integer value.

Test case 5: The function “totalTip” should calculate the tip and produce correct output using the formulae (inputBill \* inputTip) / 100.

Test case 6: The function “totalBill” should calculate the total bill and produce correct output using the formulae totalTip + inputBill.

Test case 7: The function “perPersonBill” should calculate individual bill of each person. and produce correct output using the formulae totalTip + inputBill.

Test case 8: If wrong input is provided for example, character or float value then an error message should be displayed 'Please enter valid amount.'.

Test case 9: input validation function should return the following message 'Please enter valid amount.'.

Test case 10: Reset button should work properly when new bill is to be calculated.

Test case 11: “total-tip” should reflect “0.00” when the program is reset.

Test case 12: “per-Person-Bill” should reflect “0.00” when the program is reset.

Test case 13: “total-Bill” should reflect “0.00” when the program is reset.

Test case 14: Test some different combinations of cost, tip amount, and rounding up the tip or not and verify that you get the expected result for each case when you tap Calculate.

Test case 15: Test the calculator without providing all the values, it should show a message as “warning”

Test case 16: Tip should be represented in the form of percentage.

Test case 17: After calculation of every field the output should not show garbage value.

Test case 18: Check for any possible Compile-time error.

Test case 19: Comments should be well defined.

Test case 20: Parentheses should be closed properly.