**Fix the bug**

**Github link:**

[https://github.com/saranya611/testapp](file:///C:\Users\SARANYA%20V\Desktop\javafsd)

**writeup:**

1. Create a class
2. Print the menu of the menu driven program
   1. view the expenditure
   2. add the expenditure
   3. delete the expenditure
   4. sort the expenditure
   5. search the expenditure
   6. exit the program
3. Internally add data to the arraylist
4. Create function for each case in switch case
5. Create a switch and get the choice from the user and perform the tasks.
6. When choice is 1, view the contents of the arraylist
7. When choice is 2, add content to the arraylist by getting input from the user
8. When choice is 3, its ask for the confirmation and delete the content of the arraylist
9. When choice is 4, sorting is done by implementing bubble sort and displays the result in ascending order.
10. Start comparing each element with its adjacent element from the starting index.
11. If the current and the next element are out of order, swap them.
12. Repeat step 2 for all the elements of the array/list.
13. Repeat steps 1, 2, and 3 until we have reached the final sorted state of the array.
14. When choice is 5, searching is done by implementing linear search. Here, the search\_element is given by the user.
    1. First, we have to traverse the array elements using a for loop.
    2. In each iteration of for loop, compare the search element with the current array element, and -
       1. If the element matches, then print “element is found”
       2. If the element does not match, then move to the next element.
    3. If there is no match or the search element is not present in the given array, print “element not found”
15. When choice is 6, close the program and prints ”your application is closed. thank you..!”
16. When choice is invalid, it prints “you have made an invalid choice”