

## **WRITE UP**

### Bug

The program allows the user to perform several operations, including reviewing, adding, deleting, sorting, and searching expenses.

The program starts by displaying a menu of available options, and the user can select an option by entering a corresponding number.

After each operation, the menu is displayed again, allowing the user to perform another operation or close the program.

The main method calls the optionsSelection method, which uses a switch statement to execute the selected operation.

The searchExpenses and sortExpenses methods are called from the switch statement to perform specific operations.

The searchExpenses method prompts the user to enter an expense to search for and uses a loop to iterate over the list of expenses and find the index of the expense if it exists in the list.

The method then prints the index of the expense or a message indicating that the expense was not found.

The sortExpenses method sorts the list of expenses in ascending order using the bubble sort algorithm.

After sorting the list, the method prints the sorted list.