

# FIX BUGS OF THE APPLICATION

What I have done is: → Complete the methods.

```
//Method for search an element into ArrayList of type Integer.
private static void searchExpenses(ArrayList<Integer> arrayList) {
    int leng = arrayList.size();
    System.out.println("Enter the expense you need to search:\t");
    Scanner sc = new Scanner(System.in);
    int key = sc.nextInt();
    int index = 0;

    for (int v: arrayList) {
        if (key == v) {
            System.out.println("Expense of amount is on index: " + index);
            System.out.println();
            break;
        }
        index++;
    }
}
```

```
//Method to sort an ArrayList of Integer type by using bubble sort algorithm.
private static void sortExpenses(ArrayList<Integer> arrayList) {
    int arlength = arrayList.size();
    int temp = 0;
    for (int i = 0; i < arlength; i++) {

        for (int j = 1; j < (arlength); j++) {

            if (arrayList.get(j - 1) > arrayList.get(j)) {
                temp = arrayList.get(j-1);
                arrayList.set(j-1, arrayList.get(j));
                arrayList.set(j, temp);
            }
        }
    }
    for(int x:arrayList)
        System.out.print(x+" ");

    System.out.println();
}
```

