



```

        optionsSelection();

        break;
    case 3:
        System.out.println("You are about to delete all your
expenses! \nConfirm again by selecting the same option...\n");
        int con_choice = sc.nextInt();
        if(con_choice==options){
            expenses.clear();
            System.out.println(expenses+"\n");
            System.out.println("All your expenses are erased!\n");
        } else {
            System.out.println("Oops... try again!");
        }
        optionsSelection();
        break;
    case 4:
        sortExpenses(expenses);
        optionsSelection();
        break;
    case 5:
        searchExpenses(expenses);
        optionsSelection();
        break;
    case 6:
        closeApp();
        break;
    default:
        System.out.println("You have made an invalid choice!");
        break;
    }
}

}

}

private static void closeApp() {
    System.out.println("Closing your application... \nThank you!");
}

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 expence = sc.nextInt();
    int res = Collections.binarySearch(arrayList,expence);
    System.out.println("serching expenditure at: " + res);
    System.out.println("\n");
}

private static void sortExpenses(ArrayList<Integer> arrayList) {
    int arlength = arrayList.size();
    Collections.sort(arrayList);
    System.out.println("the sorted list is : " + arrayList);
    System.out.println("\n");

    //Complete the method. The expenses should be sorted in ascending order.
}
}

```