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Consider the FileWriteApp class defined below to implement the FileWriteWorksheet class.

```
import java.io.File;
import java.io.IOException;
import java.util.ArrayList;
import java.util.Scanner;
public class FileWriteApp {
   public static void main(String args[]){
        try{
            FileWriteWorksheet fw = new FileWriteWorksheet("reports.txt");
            ArrayList<Integer> list = readIntegers("numbers.txt");
            fw.writeSumEvenNumbers(list);
            fw.writeNumbersWithOccurrences(list);
            fw.close();
        }catch(IOException e){
            System.out.println(e.getStackTrace());
   public static ArrayList<Integer> readIntegers(String fileName) throws
IOException {
        ArrayList<Integer> list = new ArrayList<Integer>();
        Scanner file = new Scanner(new File(fileName));
        while(file.hasNext()){
            list.add(Integer.parseInt(file.next()));
        return list;
    }
```

```
import java.io.FileOutputStream;
import java.io.IOException;
import java.io.PrintWriter;
import java.util.ArrayList;
public class FileWorksheetSolution {
    private PrintWriter file;
    public FileWorksheetSolution(String fileName) throws IOException {
        //create the object file using FileOutputStream
        file = new PrintWriter(new FileOutputStream(fileName));
    public void close() {
        file.close();
    public void writeSumEvenNumbers(ArrayList<Integer> list) {
        int sum = 0;
        for(int i = 0; i < list.size(); i++){</pre>
            if(list.get(i)) == 0) sum+= list.get(i);
        file.println("Sum: " + sum);
    public void writeNumbersWithOccurrences(ArrayList<Integer> list) {
        for(Integer i: list){
            int count = occurrence(i, list);
```

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```
file.println(i + ":" + count);
}

private int occurrence(int number, ArrayList<Integer> list){
   int count = 0;
   for(Integer num: list) {
      if(number == num)
            count++;
   }
   return count;
}
```