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++){  
 if(list.get(i)%2 == 0) sum+= list.get(i);  
 }  
 file.println("Sum: " + sum);  
 }  
 public void writeNumbersWithOccurrences(ArrayList<Integer> list){  
 for(Integer i: list){  
 int count = occurrence(i, list);  
 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;  
 }  
}