CS163/164: File Write Worksheet
Name(s):_____

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 FileWriteWorksheet {
    private PrintWriter file;

    public FileWriteWorksheet(String fileName) throws IOException {
        //create the object file using FileOutputStream class

    }
    public void close(){
        file.close();
    }
    //calculates the sum of the even numbers and write that in the file
    public void writeSumEvenNumbers(ArrayList<Integer> list){

    }
    //write the number with its number of occurrences in the file
    //for example if number 2 appears 3 times in the list, you will print
    //2:3, one print per line
    public void writeNumbersWithOccurrences(ArrayList<Integer> list){
    }
}
```