# **Preliminary Program Analysis Template**

## **(Complete *Before* You Code, submit before you leave class)**

**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date Submitted:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### **1. Restate the Requirements in Your Own Words**

*(Explain what the program should do as if you were telling a friend. Avoid copying from the assignment sheet.)*

### **2. Outline the Program’s Major Steps**

*(List the logical steps in plain English. Think of these as a to-do list for your program.)*

1.

2.

3.

4.

5.

### **3. Expected Variables, Data Structures, and Decisions**

*(List the variables, arrays, structs, classes, or files you expect to use. Mention any important decisions or logic steps you’ll need.)*

### **4. Uncertainties / Challenges**

*(List at least two things you’re not sure how to do yet, and how you might find the answer.)*

| **Uncertainty** | **Possible Ways to Solve It** |
| --- | --- |
|  |  |
|  |  |