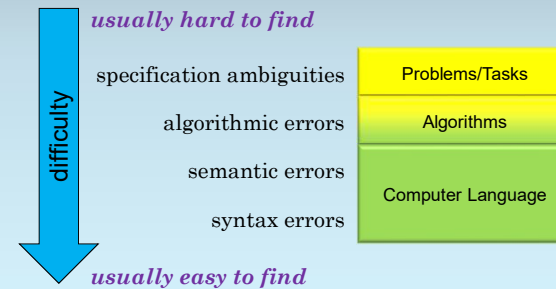


How to Make Code Reading Successful

1. **Get a friend** (not in the same class, unless >1 person is allowed on assignment!).
2. **Friend SITS AT KEYBOARD** and reads your code.
3. **You** sit nearby and **answer questions** or provide minor guidance.
4. **Code must be neat and well-commented** (unless you're trying to lose the friend).
5. **Did you read point #2?**

Error Taxonomy Relates to Abstraction Layers



Examples of Specification Ambiguities

Let's start from the top.

Specification Ambiguities

Examples include

- unspecified elements (as in t-p-s),
- assumptions buried in code (Ariane 5),
- assumptions forgotten/misused
- choices made differently but never communicated

Avoid Assumptions, and Document Any That You Make

Avoid assumptions when possible:

- if an assumption saves 10 lines of code,
- just write the extra code (don't make the assumption).

Document any assumptions

- that you must make, and
- communicate them to others.