Spring, 1992 Name: ____________________

CS 342 — Principles of Programming Languages

CLU Test (Terms, Version 1)

The usual instructions apply.

Don't feel obligated to fill up all the space on the page. Conversely, don't feel limited by the space on the page, since you can use the back if you explicitly tell us on the front when you do so.

1 Terms

1. (6 points) Briefly define the term data abstraction, and give an example.

2. (6 points) What is a selector in CLU? How is it important in CLU?

3. (6 points) What is the purpose of the `rep` in a CLU cluster?

4. (5 points) Explain the importance of specifications (i.e., abstract descriptions of behavior) in data abstraction.