

Chapter, Section, and Exercise numbers in these assignments refer to one of four texts for this course:

- Hailperin: *Concrete Abstractions*, Max Hailperin, Barbara Kaiser, Karl Knight, Brooks/Cole, 1999.
- Bratko: *PROLOG Programming for Artificial Intelligence*, Ivan Bratko, Addison-Wesley, fourth edition, 2012.
- Ben-Ari: *Principles of Concurrent and Distributed Programming*, Second Edition, Mordechai Ben-Ari, Addison-Wesley, 2006.
- Sestoft: *Java Precisely*, Third Edition, Peter Sestoft, The MIT Press, 2016.

1. Study Hailperin, Chapter 1.
2. Do Hailperin Exercises, 1.4b, 1.5, 1.9, 1.10.

Insert all six definitions named `candy-temperature`, `tax`, `half-turn`, `quarter-turn-left`, `side-by-side`, and `pinwheel`, before the definition of the quilt patterns. The first three lines of the Definitions should be

```
;; Name
;; Date
;; Assignment
```

and each exercise should be identified as

```
;; Exercise n.m
```

Save the Definitions in a file named `a01.rkt`, where `.rkt` is the standard file extension for Dr. Racket source programs. Note the lowercase `a`. Hand in `a01.rkt` electronically per the instructions for your course.