## **Recall: Important Terminology**

- **assertion**: true-false statement placed in a program to *assert* that it is true at that point
  - Can either be a comment, or an assert command
- invariant: assertion supposed to "always" be true
  If temporarily invalidated, must make it true again
  - Example: class invariants and class methods
- **loop invariant**: assertion supposed to be true before and after each iteration of the loop
- iteration of a loop: one execution of its body





















