Reading:
- Mitchell, Ch. 9; Odersky, Ch. 27

Objectives
1. be able to explain why genericity helps modularity

Outline
1. abstraction in programming languages
   (a) interface and specification
   (b) client and interface
   (c) encapsulation
   (d) information hiding
2. abstract data types
   (a) data type
   (b) operations
   (c) encapsulated to provide representation independence

Vocabulary
interface, specification, abstraction mechanism, client, implementation, encapsulate, infor-
mation hiding, abstract data type, representation independence, Modula-2,