

## Chapter 1: Data Abstraction

### Vocabulary

**Abstract base class:**

**Abstract class:**

**Abstract data type (ADT):**

**Abstraction, data abstraction:**

**Algorithm:**

**Attribute:**

**Bag ADT:**

**Behavior:**

**Cohesion:**

**Complete interface:**

**Container:**

**Coupling:**

**Data flow:**

**Data member:**

**Data structure:**

**Encapsulation:**

**End user:**

**Function, member function (method):**

**Function prototype/declaration/header:**

**Generic type:**

**Implementation:**

**Information hiding:**

**Inheritance:**

**Minimal interface:**

**Models:**

**Modules:**

**Object-oriented analysis:**

**Object-oriented design:**

**Operation contract:**

**Polymorphism:**

**Postcondition:**

**Precondition:**

**Robust:**

**Unified Modeling Language (UML):**

## Concepts

**Unusual conditions:**