Member Functions and Inheritance Solutions

Inheriting Member Functions

- What is meant by member function inheritance?
  - A child class automatically "inherits" all the non-private member functions of its parent
  - These member functions can be called as if they were defined in the child class
- Write a simple program with a child class that inherits a member function from its parent

Reimplementing Member Functions

- Write a simple program with a child class that reimplements a member function from the parent class

Extending Member Functions

- Write a simple program with a child class that extends a member function from its parent class

Protected access

- What does it mean to have protected access to a member function?
  - A "protected" member function is not part of the class's interface
  - It can be called by member functions in child classes
  - It cannot be called by code outside the class

- Write a simple program that uses the protected keyword