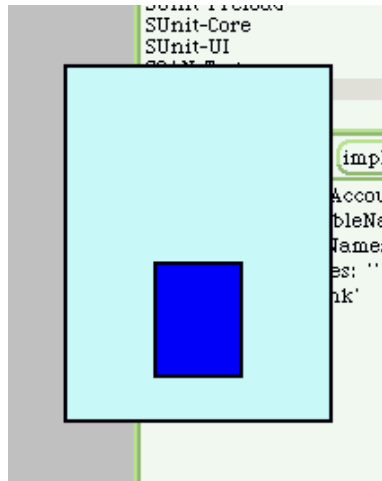


CSci 340, Spring 2003, Assignment 2

This assignment is due *Friday, February 21* at 5:00pm. You should submit to my office a paper copy of the class declaration and methods developed for this assignment. You can transfer text from Squeak's System Browser by selecting text, middle-clicking and choose the copy option, and then pasting the text into a file in another window (such as the *nedit* window).

For this assignment, you should produce an alternative graphic viewer for a checking account, which represents an account as a bar within a window. The bar's height should grow and shrink with the account's balance; the bar's bottom edge should remain in a fixed location. The window's background should normally be light blue; when the balance drops below 1000, the background should turn red.



Since the balance can get rather large, it's a good idea to divide it by 20 to determine the bar's height. The `SmallInteger` class's `//` method will divide an integer and round down to give another integer. (Its `/` method returns a `Fraction` object, which isn't a valid size for a graphical object.)

The Squeak image given by the `inisqueak &` command will contain the `Account` classes we saw in the previous class. Useful references about using Squeak may be found at the Documentation link at www.squeak.org; John Maloney's `BankAccount` and `Morphic` tutorials are particularly nice.