Problem Set 5, Problem 0

Put your response to the reading below.

IMPORTANT: Your entire response should fit on this page.

The drawbacks that Hopper discussed do not exist today to the same extent at which they did at the time she wrote her paper. While there is a small amount of time lost due to standardization of subroutines, it is not significant enough so that it disrupts the efficiency of a program. Today, multiple programs and functions are executed quite rapidly. The second concern is also insignificant today, since most functions that a person can think of have been written before, and therefore can be reused. One advantage not discussed in Hopper's paper is that written subroutines can be used within other subroutines to make complex functions that execute problems all at once, rather in different parts. Hopper's work allowed programming languages and computing to be accessible to people who aren't computer scientists, which allows the field to be applied to other areas, such as business.