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13 points to do to self learn embedded systems Programming Embedded Systems (Vahid/Givargis): Overview of the book and tools ~~Course Introduction: Introduction to Embedded System Design~~

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An embedded system is one kind of a computer system mainly designed to perform several tasks like to access, process, store and also control the data in various electronics-based systems. Embedded systems are a combination of hardware and software where software is usually known as firmware that is embedded into the hardware.

Introduction To Embedded System Basics and Applications
Whenever I hear the term “Embedded System”, what comes to mind is “A combination of hardware and software” as instructed at the colleges. Well, instead of calling it as merely a combination of hardware and software, it would be apt to define it as application specific, organized hardware, controlled by specific software in which the hardware and software are the components of the embedded system.

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1.0 Introduction An embedded system combines mechanical, electrical, and chemical components along with a computer, hidden inside, to perform a single dedicated purpose. There are more computers on this planet than there are people, and most of these computers are single-chip microcontrollers that are the brains of an embedded system.

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