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 system with tightly coupled hardware
 and software that performs a dedicated
 function. Examples: Printers, Routers,
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 Writing code for an embedded system is
 not just as simple as knowing how to
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 understanding hardware concepts,
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 how to use tools to interact and evaluate
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 Systems 2. Software Development 3.
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 Programming Paradigms 5. Embedded
 Operating Systems 6. Real-time
 Scheduling 7. Shared Resources 8.
 Hardware Components 9. Power and

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 appliances Embedded devices now
 vastly outnumber traditional computers.
 Some of these are real-time systems. 3
 3 3 Introduction Embedded systems:
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 ...Embedded systems performs some
 specific function or tasks. Low Cost – The

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 week 2
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Systems An embedded system is a computing system with tightly coupled hardware and software that performs a dedicated function. Examples: Printers, Routers, Video Game Systems, Portable Music Players, Satellite

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