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Hardware consists of a few simple building blocks <sup>3</sup>/<sub>4</sub>These are called logic gates AND, OR, NOT, ... NAND, NOR, XOR, ... L i t b i l t i t i tLogic gates are built using transistors NOT gate can be implemented by a single transistor AND gate requires 3 transistors Transistors are the fundamental devices Pentium consists of 3 million transistors

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