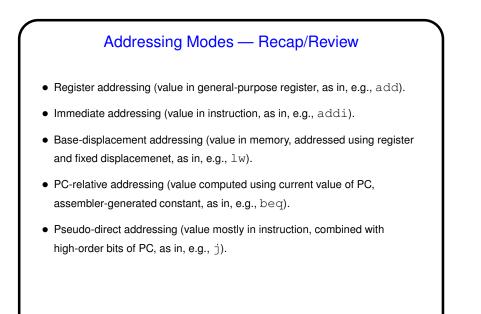
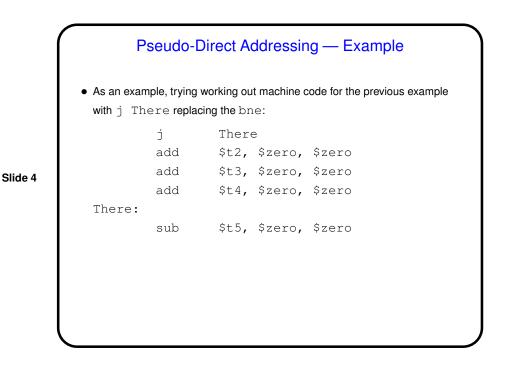
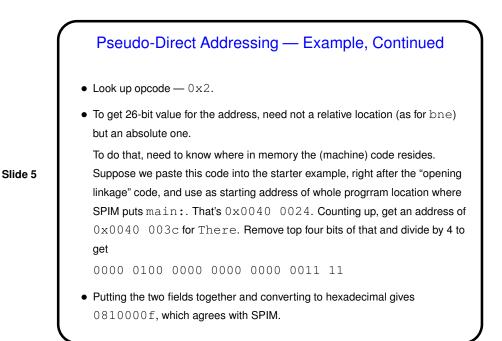


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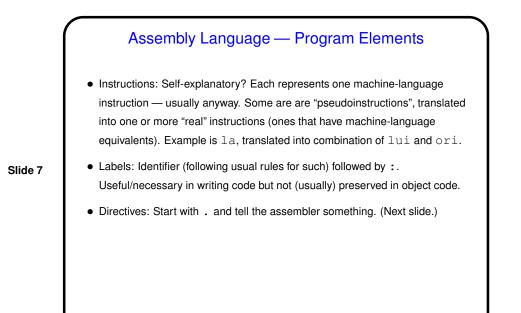


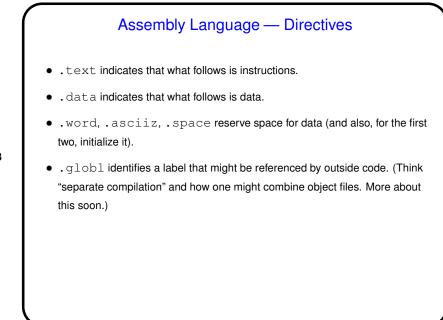
A Little (More) About Assembly Language and Assemblers

• We've done short examples of translating assembly language into machine language.

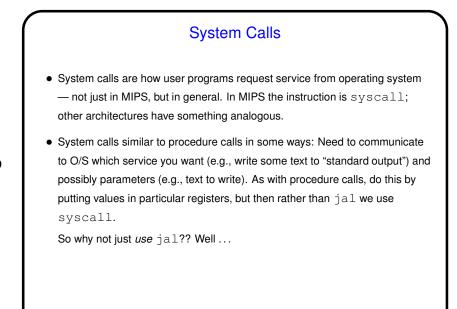
Slide 6

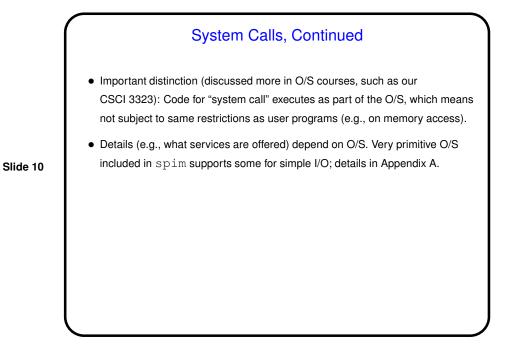
- Normally this is done programmatically, by an "assembler". Accepts symbolic representations of instructions. Also allows defining "labels" (strings ending :) and uses some directives (starting with ".", e.g., .word) to help keep track of instructions, define character strings, etc.
- Details for MIPS assembler in Appendix A.

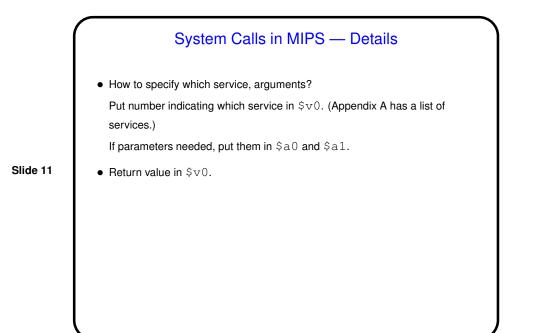


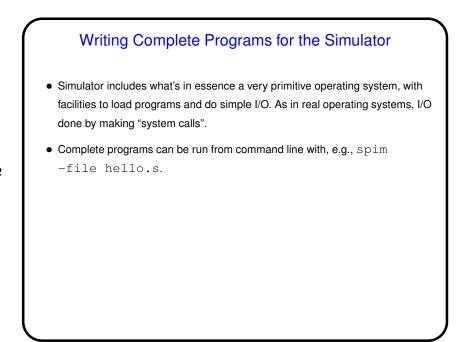


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