Computer Structure and Language

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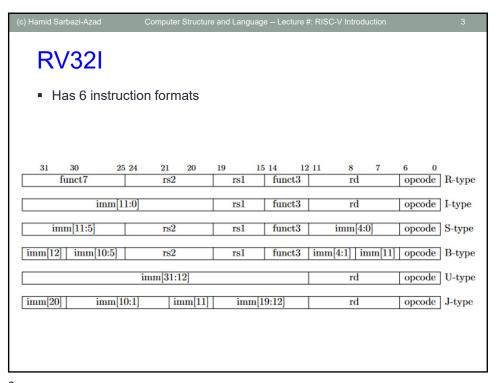
c) Hamid Sarbazi-Azad

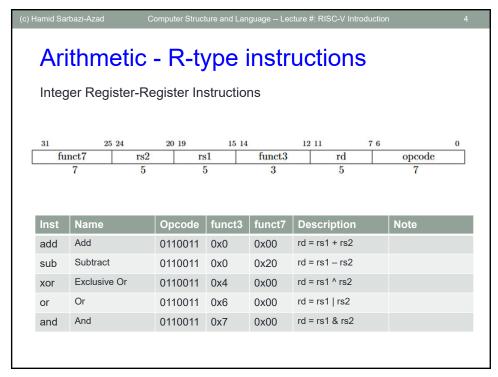
Computer Structure and Language -- Lecture #: RISC-V RV32I

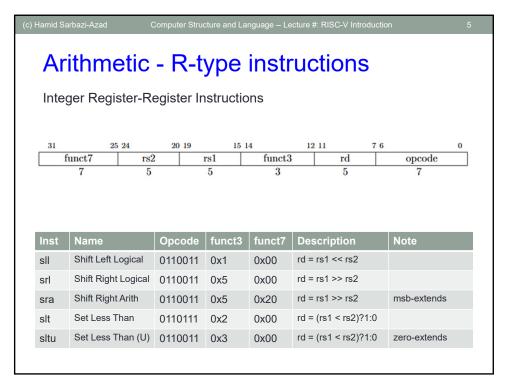
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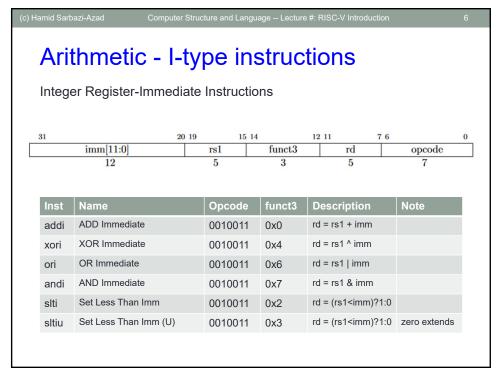
RV32I

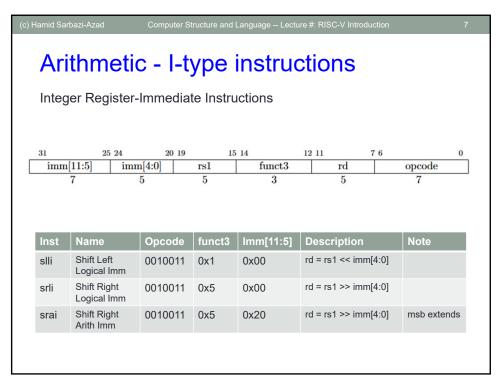
- 32-bit base integer instruction set
- Contains 40 instructions
- 32-bit registers and address space
- 32-bit long Instructions
- Covers most important operations
- Can emulate almost any other operation (Except privileged and atomic)

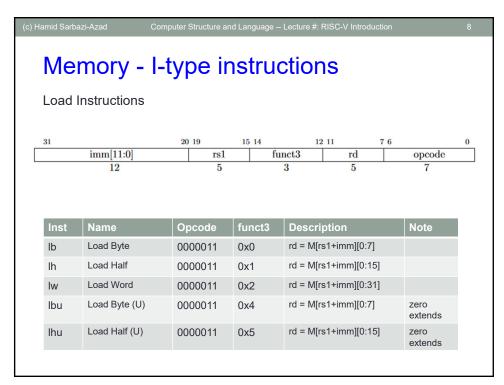


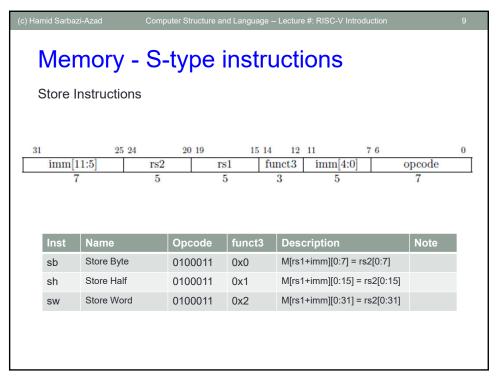


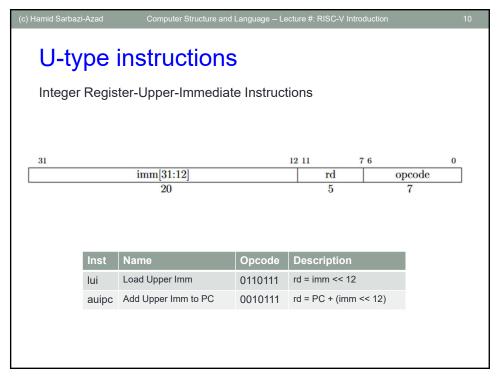


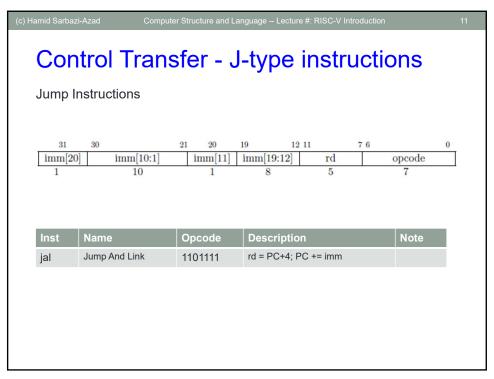


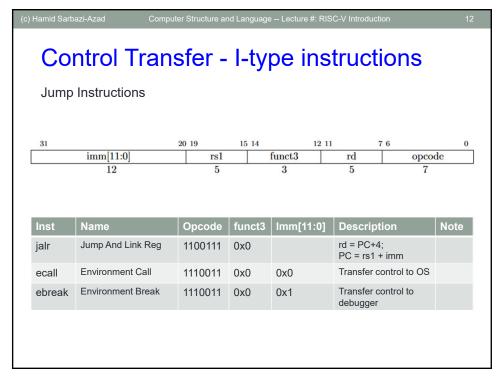


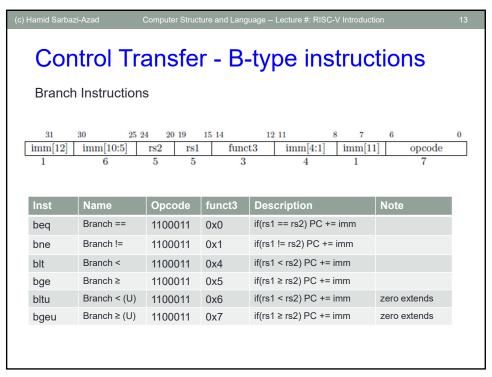












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