Operands can be stored in registers, memory,
stored in the instruction itself (298)
32 registers (299 +300)

· To clarify add-to, MIPS uses 32-bit memory addresses & 32-bit words
· byte-addressable memory (each byte has a unique address)

In the MIPS architecture, word addresses for Tw and Sw must be word aligned. That is, the address must be divisible by 4. Thus, the instruction 1w \$s0, 7(\$0) is an illegal instruction. Some architectures, such as x86, allow non-word-aligned data reads and writes, but MIPS requires strict alignment for simplicity. Of course, byte addresses for load byte and store