













- A bit sequence is neither signed nor unsigned, integer or floating point, character or pixel ... its just a bit sequence -- the key is how the bits are interpreted
- The interpretation nearly always matters, especially in comparisons:
  - 10110 < 00110 is true since -10 < 6 as 2s complement
  - 10110 > 00110 is true since 22 > 6 as unsigned
- MIPS has additional comparison operators:
  - sltu \$8, \$9, \$10 #set less than unsigned
  - sltiu \$8, \$9, 10 #set less than immed. unsign

Why are there no unsigned variants for beq, bne, bgtz, blez, sh, sb, etc.?



