

Slide 1

Minute Essay From Last Lecture Questions: Write a sequence of MIPS instructions that would be guaranteed to cause an arithmetic overflow exception. Write a sequence of MIPS instructions that would be guaranteed to cause an "undefined instruction" exception. Answers?



Slide 3









Pipelining — Summary
Can improve instruction throughput, but individual instructions don't execute faster.
Works better if instructions are "regular" and can be broken into equal-time steps.
Nontrivial to get right!

