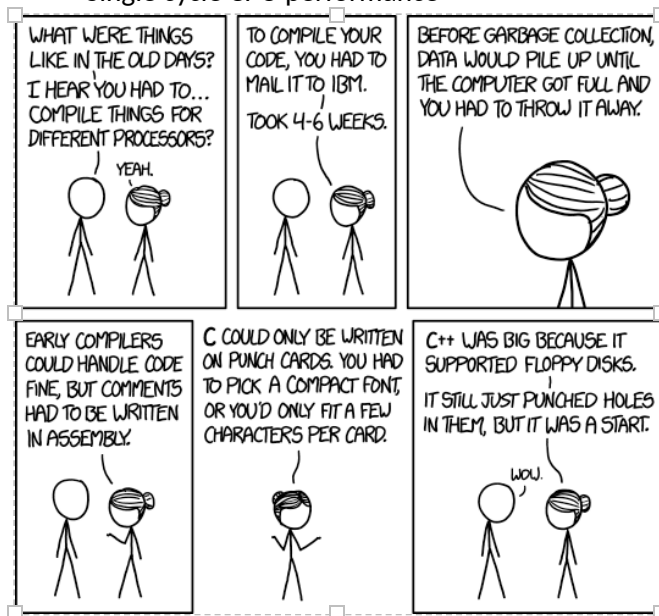


Lecture 7: Performance

Wednesday, January 23, 2019 9:29 AM

Outline

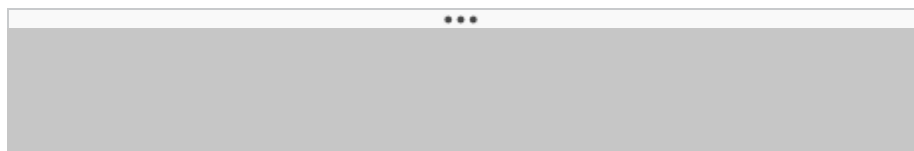
- Lab 1 feedback and announcements
- What makes a system good?
- Iron law
- Single cycle CPU performance



How to *measure* "goodness" of a system?

Physics

[Grace Hopper - Nanoseconds](#)



Grace Hopper - Nanoseconds



<https://youtu.be/JEpsKnWZrJ8>

How to measure performance?

Iron law of performance

Single Cycle CPU performance