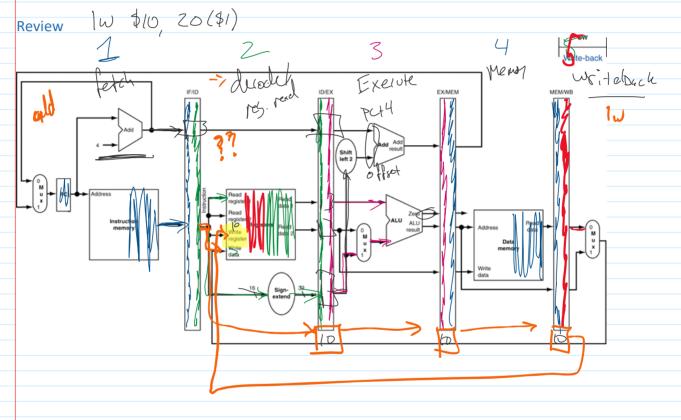
Lecture 8: Pipeline Hazards

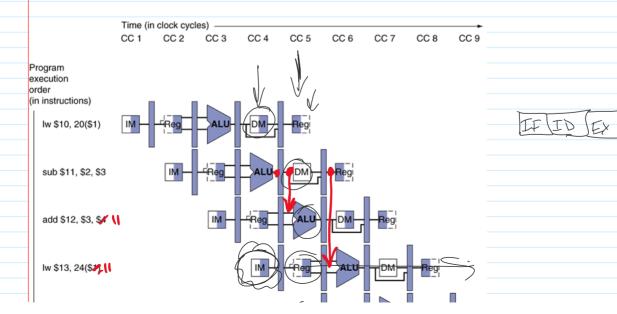
Wednesday, January 31, 2018 9:31 AM

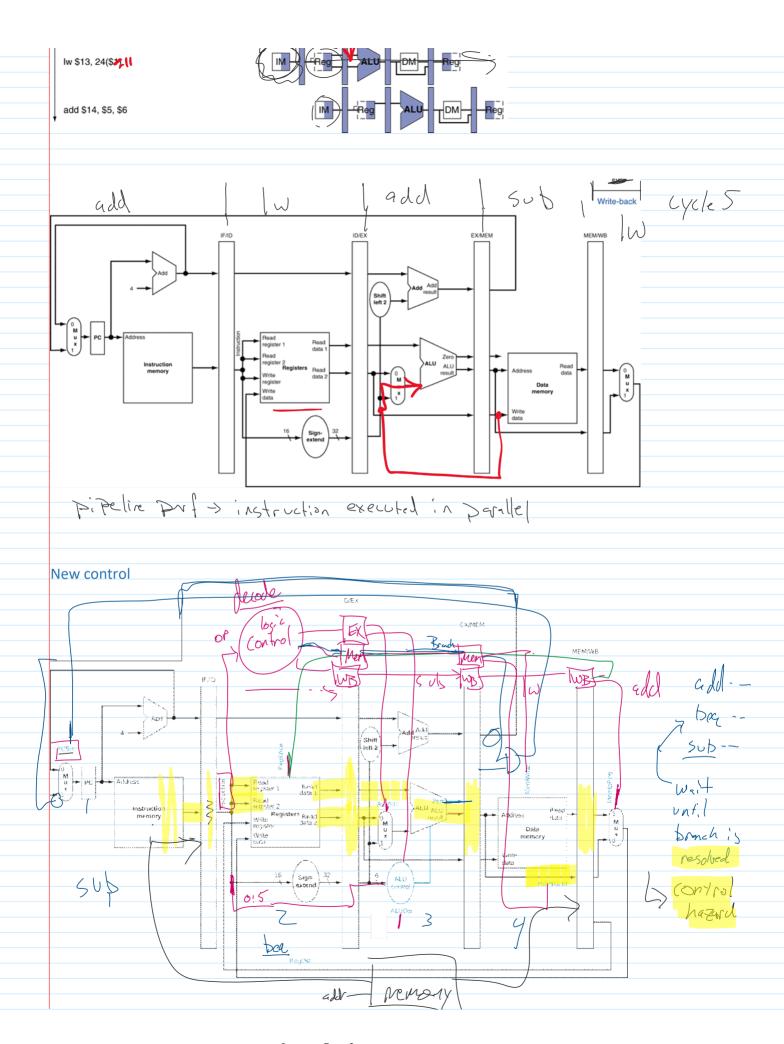
Outline

- Pipeline control details
- 3 types of hazards
- Solving hazards
- Hazard detection

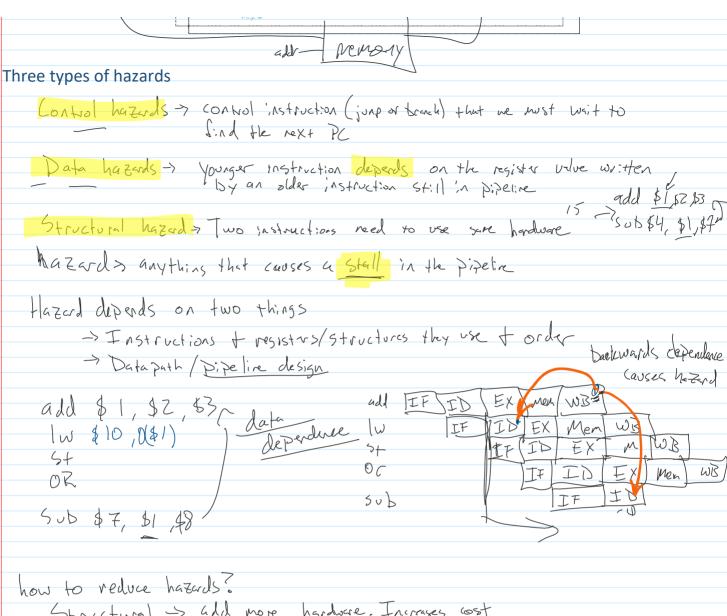
Pipe control







Lectures Page 2



how to reduce hazards?

Structural > add more hardwere. Increases cost

Control > Prediction to "assure" taken or not

Data hazards > forwarding / by jussing

Hazard detection

