3827 OH

Eumin Hong (eh2890)

Columbia University

April 19, 2022

Overview

- Announcements
 - Upcoming Exams and Homework
 - Feedback

- 2 Homework 9 Material
 - Overview and Relevant Lectures
 - Notes

Announcements

Announcements: Upcoming Exams and Homework

- HW9 due 4/22
- Sec 3 final exam 5/6 (tentative)
- Sec 1/2 final exam 5/12 (tentative)

Announcements: Feedback

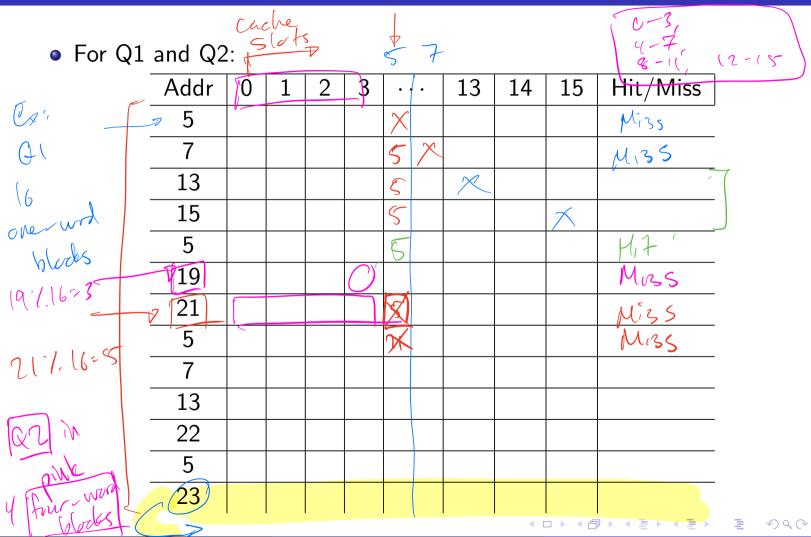
• Form: https://forms.gle/cnUmKVNYN7WvRbHA6

Homework 9 Material

Homework 9 Material: Overview and Relevant Lectures

- Cache locality (Lecture 13, Slides 19-22)
- Blocks (Lecture 13, Slides 23-31)
- Reading from Cache (Lecture 13, Slides 32-35)
- Direct Mapping (Lecture 13, Slides 36-66)
 - ✓ Direct Mapping MIPS (Lecture 13, Slides 67-72)
- Associative Mapping (Lecture 13, Slides 73-89)
 - ✓ Writing to Memory (Lecture 13, Slides 90-93)

Homework 9 Material: Notes



Homework 9 Material: Notes

0-3, 4-7, 8-11, 12-15

• For Q1 and Q2:

01:	Addr	0	1	2	3	• • •	13	14	15	Hit/Miss
	5									MBS
	7									
	13									
	15									
	5									
	19									
	21									
	5									
	7									
	13									
	22									
	5									
	23									
										– –

