

EECS 583 – Project Deliverables

University of Michigan

December 5, 2018

Project Demos

- ❖ Each group 20 mins
 - » Each group member should say something
 - » Timing will be strict due to back-to-back scheduling
- ❖ Recommended format: Combo of slides and some demonstration of your project
 - » Problem that you attacked
 - » What you built
 - » How it works
 - » Results
 - » Demonstration on an example – Live or canned
- ❖ Success
 - » What you built works
 - » Demonstrate some benefit on at least 1 [contrived] application
 - The less contrived the better

Project Report

- ❖ 3-5 pages, 2 column, 10pt font, single space
 - » You can use the figures/graphs from your slides
 - » Report describes problem attacked, some related work, what you did, how it works, and your results
- ❖ Email pdf to Ze and I
- ❖ Deadline
 - » Preferably right after your Demo so we can look at it when it is fresh in our mind
 - » Final deadline: Dec 19, 5pm.

EECS 583 – HW2 Contest

Winners

Contest: Rules

❖ Correctness

- » Only eligible if your optimizer works on all correctness testcases
- » Had to implement removing uses of invariant loads

❖ Timing

- » Raw execution time: Average across 3 runs
- » Run on class machine (no other users)

❖ Winners

- » Per performance benchmark (must yield correct results)
- » Overall winner (Arithmetic mean of speedups across performance benchmarks)

Perf1 Testcase

- ❖ 3rd place: James Peretta (6.52 sec)
- ❖ 2nd place: Brandon Nguyen (6.38 sec)
- ❖ **1st place: Yifan Zhao (5.33 sec)**

Perf2 Testcase

- ❖ 3rd place: Brandon Nguyen (8.97 sec)
- ❖ 2nd place: Christian Smith (8.91 sec)
- ❖ **1st place: Yifan Zhao (5.08 sec)**

Perf3 Testcase

- ❖ 3rd place: Christian Smith (11.63 sec)
- ❖ 2nd place: Brandon Nguyen (11.54 sec)
- ❖ **1st place: Yifan Zhao (3.21 sec)**

Perf4 Testcase

- ❖ 3rd place: Brandon Nguyen (13.94 sec)
- ❖ 2nd place: James Peretta (13.81 sec)
- ❖ **1st place: Yifan Zhao (3.29 sec)**

Overall Winner – Drumroll please!

- ❖ 3rd place: James Peretta (10.31 sec)
- ❖ 2nd place: Brandon Nguyen (10.21 sec)
- ❖ **1st place: Yifan Zhao (4.23 sec)**