

Week 10 Notes

Prof Bill - May 2018

Week 10 notes include:

★ Final Exam Preview

That's it.

That's enough.

thanks... yow, bill

A. Final Exam Preview

Final details...

- ❑ When: **Tue Jun 5, 2018 @ 1:00 - 3:00 pm**,
cardinalnet.northcentralcollege.edu/misc/final-exam-schedule
- ❑ Where: Wentz Science Center, Room 104, our regular classroom
- ❑ How much: It's worth 35 points, 35% of your grade
- ❑ How long: 120 minutes
- ❑ What to bring: Two things:
 - a. Bring 1 side of 1 page of 2nd half notes
 - b. Bring your midterm page of notes, too
- ❑ What NOT to bring: Sorry, no calculators or jeejahs of any kind
- ❑ What it covers:
 - a. 5 points - first half material
 - b. 30 points - second half material

The Final will cover anything that we have covered in

- Textbook - Muganda and our Princeton online slides/notes
- Lecture - weekly notes/outlines are on our class website
- Homework #5 - #9
- Programs #3, #4

My solutions to homework and programming assignments are on the k: drive.

Of course - notes, homework, and programs are at the class website:

wtkrieger.faculty.noctrl.edu/csc210-spring2018/

Topics we have covered so far include:

Week	Topic	Book/Etc
6	Trees	Muganda Ch 22.1
	Binary search trees	Muganda Ch 22.1-22.2
	Priority queue, heap	Muganda Ch 22.4
7	AVL Trees	Muganda Ch 22.3
	Red-black trees	Princeton, Ch 3.3 Balanced Trees
	B-tree	
8	Graphs structure	Princeton Ch 4 Graphs
	Graphs traversal	Princeton Ch 4 Graphs
	Prog #3 due	
9	Topological sort	Princeton slides
	Shortest path: Dijkstra	Princeton slides
	Min span: Prim's, Kruskal's	Princeton slides
10	Final exam review ☺	
	Prog #4 due	

Princeton text and slides: algs4.cs.princeton.edu/home/