

CSE 12 – Basic Data Structures and Object-Oriented Design

Lecture 20

Greg Miranda & Paul Cao, Winter 2021

This lecture is being recorded

Announcements

- Quiz 20 due Monday @ 8am
 - No class on Friday, only the exam
- Survey 8 due Friday @ 11:59pm
- PA7 due next Tuesday (3/2) @ 11:59pm
- Exam 2 – Released Friday @ 8am, due Saturday @ 10am
 - 90 minutes once you start - see Piazza post for more details

Review Session → Thurs night → piazza

Topics

- Heaps
- Questions on Lecture 20?

Max Heap (draw the picture and array)

- Assume the key and value are identical for this example
- Draw the picture and the array for the following:
 - Add the following elements to the max heap (in this order):
 - 5, 10, 15, 25, 30, 35, 40
 - Call poll() twice
 - What elements were returned?

Questions on Lecture 20?