

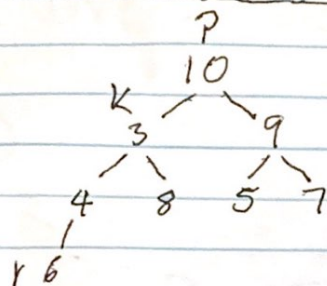
HW3

Tue Myles

2a)

(1)

p	k	r
10	3	9
4	8	5
7	6	



~~Since 10 is the root~~

~~10 is the root~~  
~~10 is the root~~  
~~10 is the root~~

i p j k r

10	3	9	4	8	5	7	6
----	---	---	---	---	---	---	---

i p j k r

10	3	9	4	8	5	7	6
----	---	---	---	---	---	---	---

i p j k r

10	3	9	4	8	5	7	6
----	---	---	---	---	---	---	---

i p j k r

3	10	9	4	8	5	7	6
---	----	---	---	---	---	---	---

i p j k r

3	10	9	4	8	5	7	6
---	----	---	---	---	---	---	---

p k i j r

3	4	9	10	8	5	7	6
---	---	---	----	---	---	---	---

p k i j r

3	4	9	10	8	5	7	6
---	---	---	----	---	---	---	---

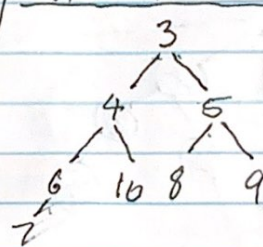
p k i j r

3	4	5	10	8	9	7	6
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p k i j r

3	4	5	6	10	8	9	7
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After Partition

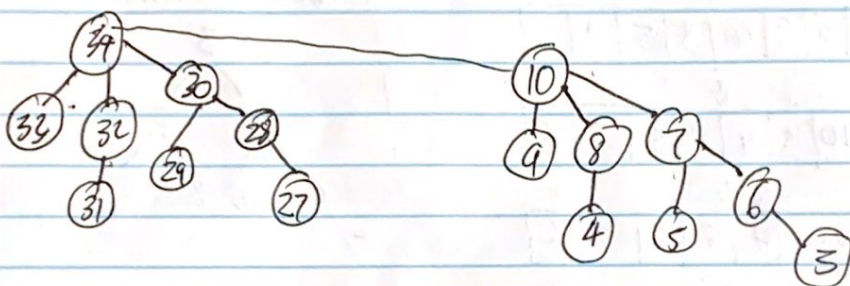
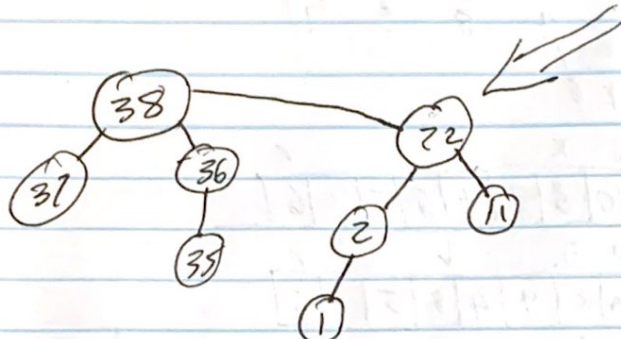
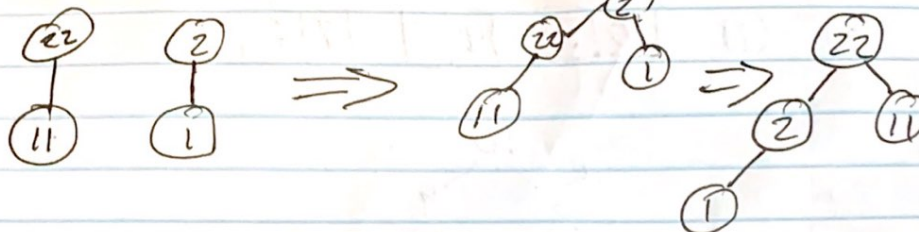


upwards

Value returned in order:

3, 4, 5, 6

7. Merge:



Extract Max:

