

1 December 2017

Exam #2

current element = 5
1) $\begin{matrix} k & i \\ \downarrow & \downarrow \end{matrix} 3, 5, 8, 2, 6, 4, 7, 9$

current element = 8
 $\begin{matrix} k & i \\ \downarrow & \downarrow \end{matrix} 3, 5, 8, 2, 6, 4, 7, 9$
current element = 2
 $3, 5, 8, 2, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 5, 8, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 5, 8, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 5, 5, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 5, 5, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 3, 5, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 3, 3, 5, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 2, 3, 5, 8, 6, 4, 7, 9$

current element = 6
 $\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 2, 3, 5, 8, 6, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 2, 3, 5, 8, 8, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 2, 3, 5, 8, 8, 4, 7, 9$

$\begin{matrix} k & i \\ \downarrow & \downarrow \\ \downarrow & \downarrow \end{matrix} 2, 3, 6, 6, 8, 4, 7, 9$

Barak Barclay

current element = 4

~~2~~, 3, 5, 6, 8, 4, 7, 9

2, 3, 5, 6, 8, 8, 7, 9

2, 3, 5, 6, 8, 8, 7, 9

2, 3, 5, 6, 6, 8, 7, 9

2, 3, 5, 6, 6, 8, 7, 9

2, 3, 5, 5, 6, 8, 7, 9

2, 3, 5, 5, 6, 8, 7, 9

2, 3, 4, 5, 6, 8, 7, 9

current element = 7

2, 3, 4, 5, 6, 8, 7, 9

2, 3, 4, 5, 6, 8, 8, 9

2, 3, 4, 5, 6, 8, 8, 9

2, 3, 4, 5, 6, 7, 8, 9

current element = 9

2, 3, 4, 5, 6, 7, 8, 9

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~~2, 3, 4, 5, 6, 7, 8, 9~~
~~2, 3, 4, 5, 6, 7, 8, 9~~
~~2, 3, 4, 5, 6, 7, 8, 9~~
~~2, 3, 4, 5, 6, 7, 8, 9~~
~~2, 3, 4, 5, 6, 7, 8, 9~~

3)

3

 C.I. = 0

After Adding 3

3	5
---	---

 C.I. = 1
P.I. = 0

5	3
---	---

 C.I. = 0

After Adding 5

5	3	8
---	---	---

 C.I. = 2
P.I. = 0

8	3	5
---	---	---

 C.I. = 0

After Adding 8

8	3	5	2
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 C.I. = 3
P.I. = 1

After Adding 2

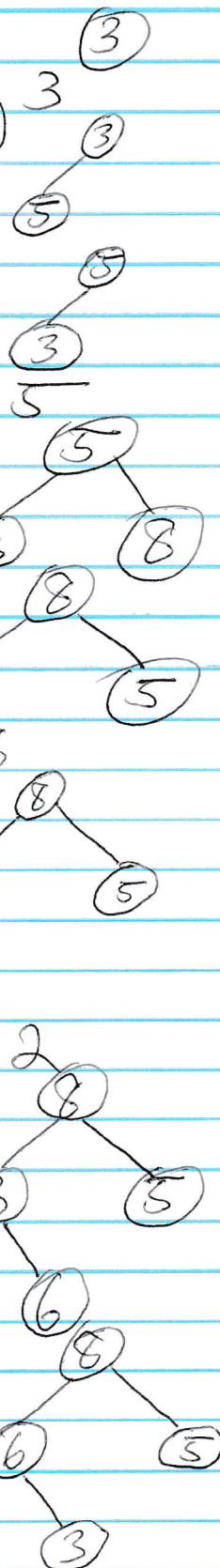
8	3	5	2	6
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 C.I. = 4
P.I. = 1

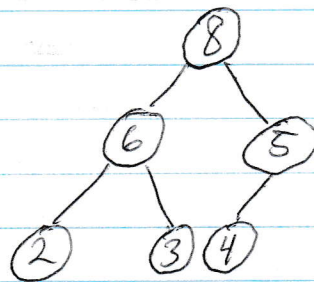
8	6	5	2	3
---	---	---	---	---

 C.I. = 1
P.I. = 0

After Adding 6

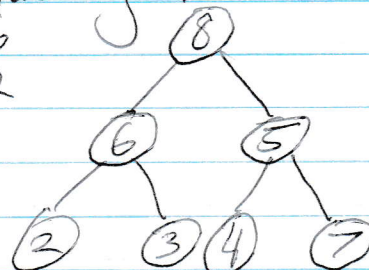


8 | 6 | 5 | 2 | 3 | 4 C.I. = 5
P.I. = 2

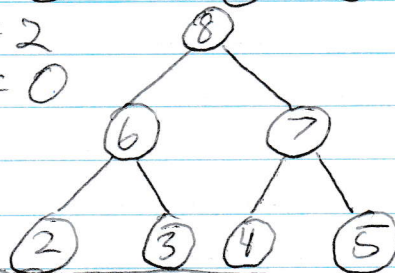


After Adding 4

8 | 6 | 5 | 2 | 3 | 4 | 7 C.I. = 6
P.I. = 2

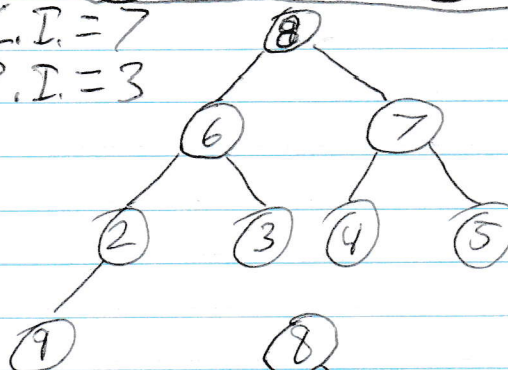


8 | 6 | 7 | 2 | 3 | 4 | 5 C.I. = 2
P.I. = 0



After Adding 7

8 | 6 | 7 | 2 | 3 | 4 | 5 | 9 C.I. = 7
P.I. = 3



8 | 6 | 7 | 9 | 3 | 4 | 5 | 2 C.I. = 3
P.I. = 1

