CSE332 15su 2015-07-16
Section 4 Quick Check

1. Draw an AVL tree of height 1 that contains the minimum possible number of nodes.

2. Draw an AVL tree of height 2 that contains the minimum possible number of nodes.


3. Draw an AVL tree of height 3 that contains the minimum possible number of nodes.

4. Draw an AVL tree of height 4 that contains the minimum possible number of nodes.


$$
\begin{aligned}
\alpha=2 \\
=\varnothing \text { 5. Extra time: What's the general formula for the minimum possible number of nodes for an }
\end{aligned}
$$

$$
\begin{aligned}
x n & >1 \\
n & =1 \\
n & =0
\end{aligned}
$$

