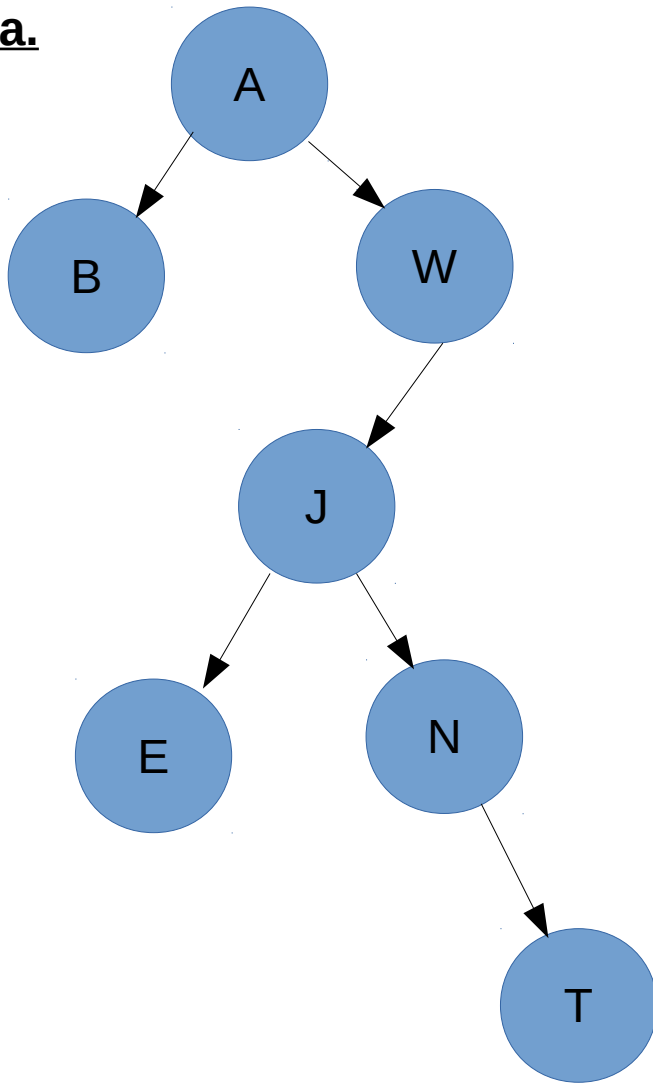
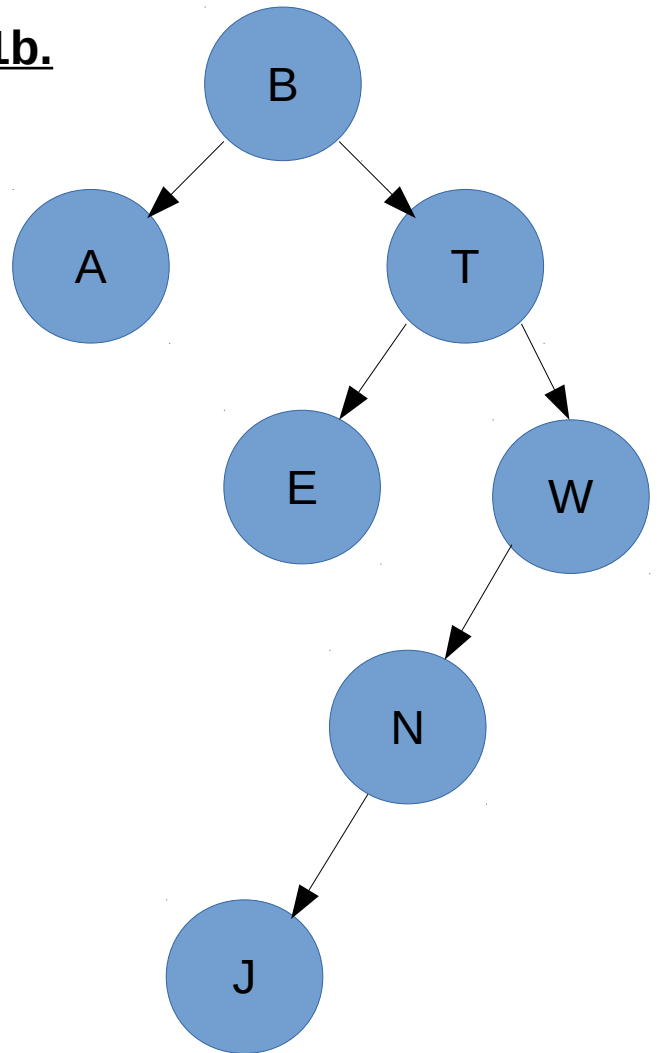


1a.



1b.



2. Maximum number of nodes in a BST of height

3) $2^3 - 1 = 7$

4) $2^4 - 1 = 15$

n) $2^n - 1$

3. J, B, T, A, E, N, W

4.

