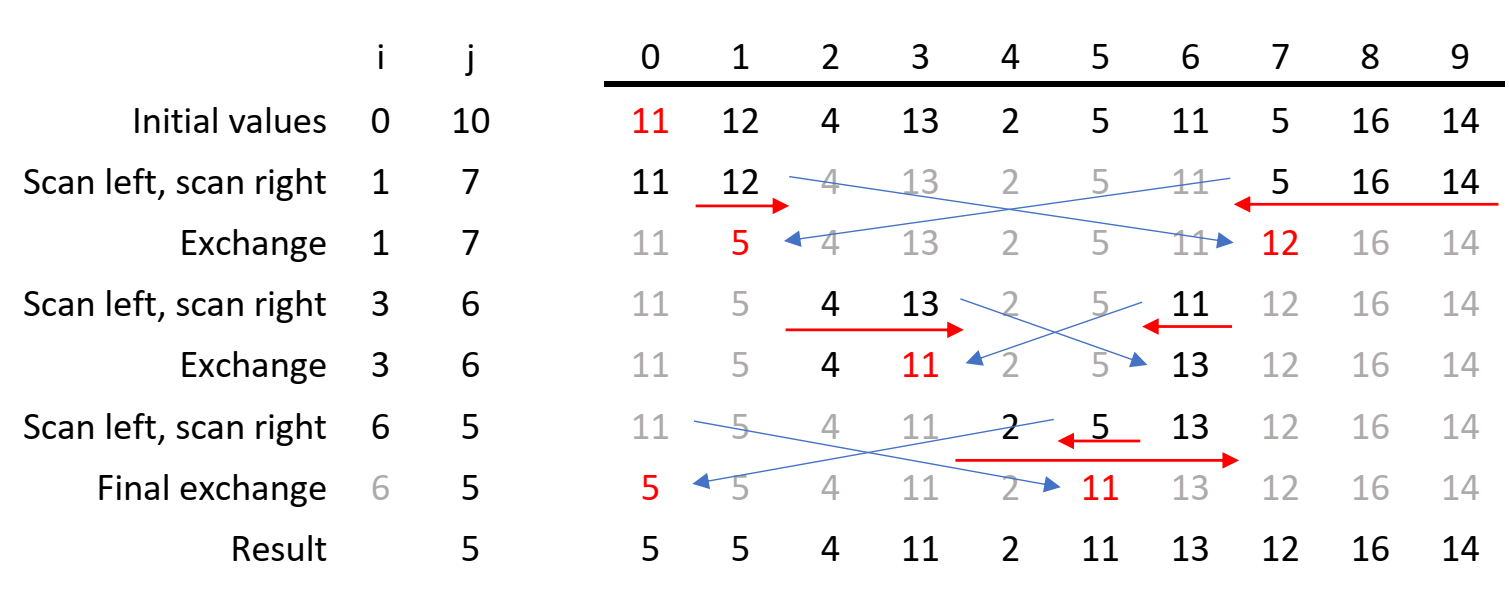
# Inf102-oblig1 – CGJ008

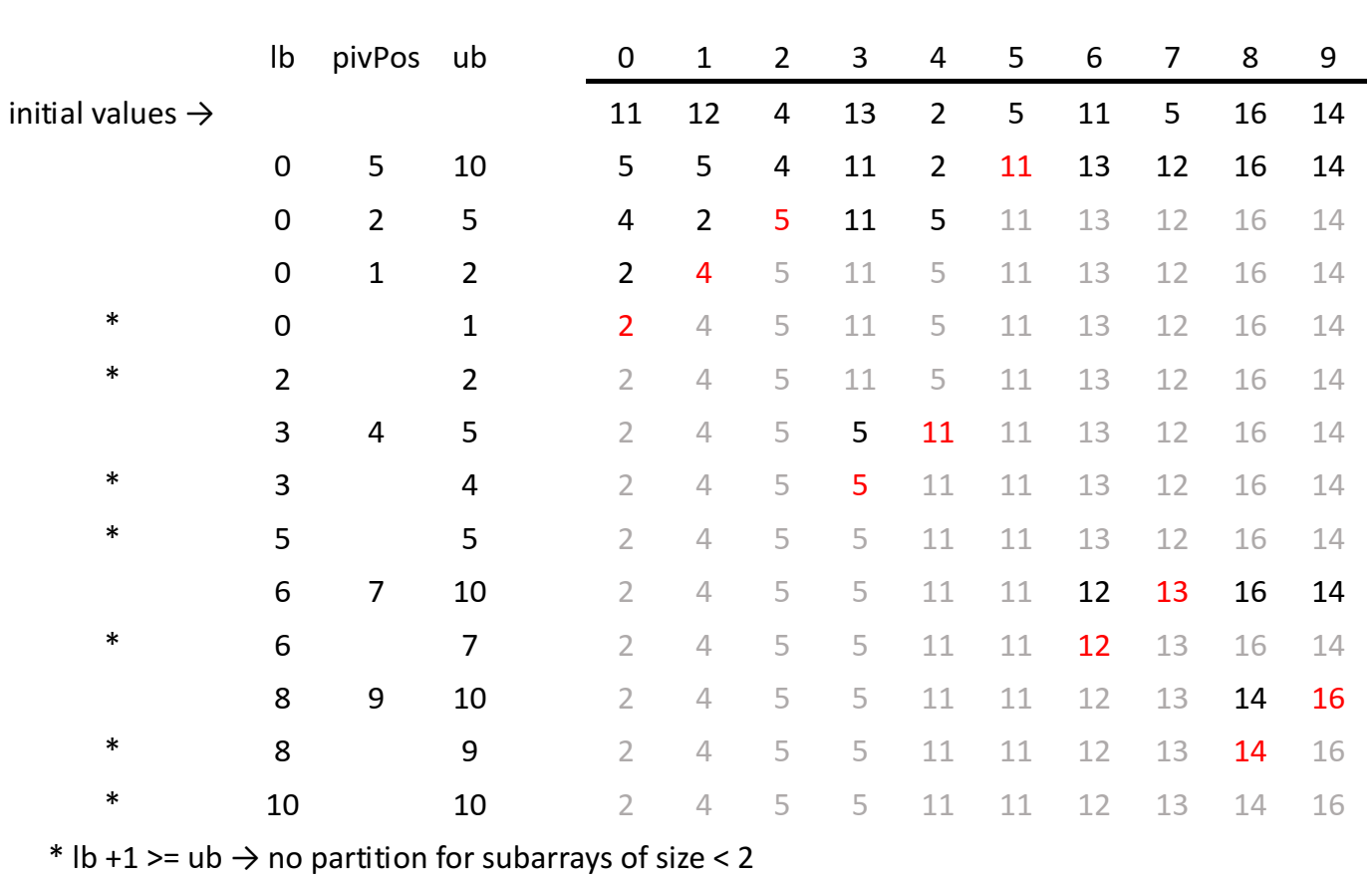
Carl August Gjørsvik

## [1] Quicksort

a)



b)



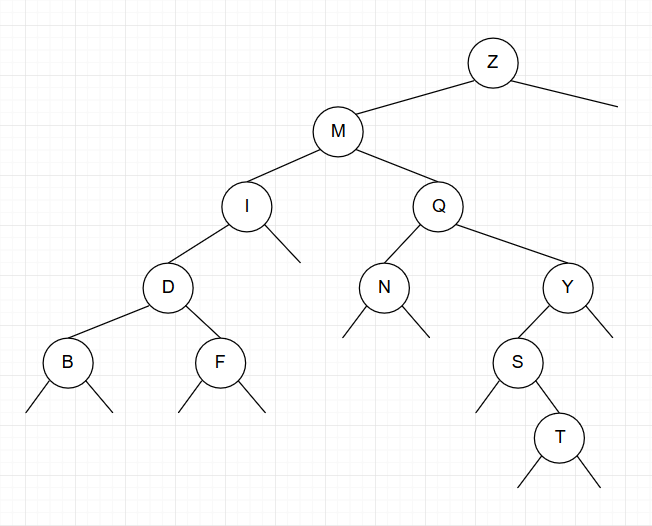
c)

## [2] Priority Queues

a) [ null, T, S, R, N, P, O, A, E, I, G, H ]

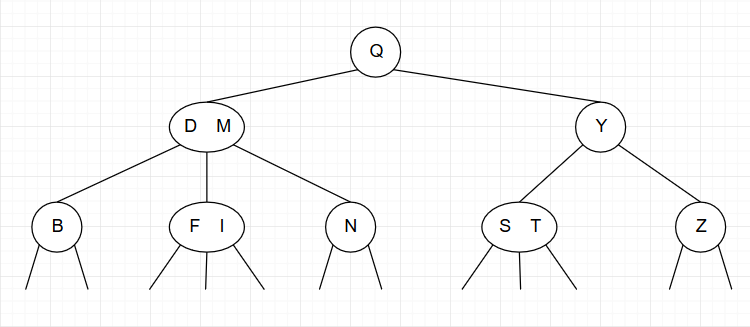
## [3] Binary Search Tree

a)

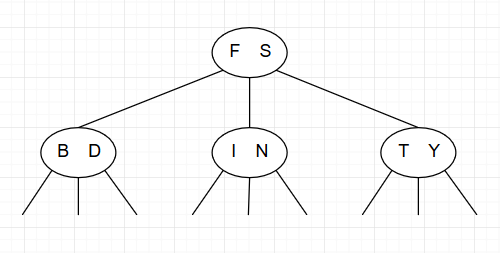


## [4] Balanced Binary Search Trees

a)

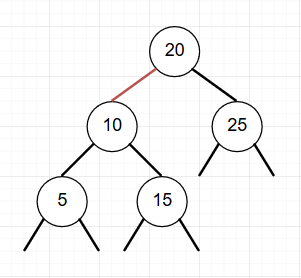


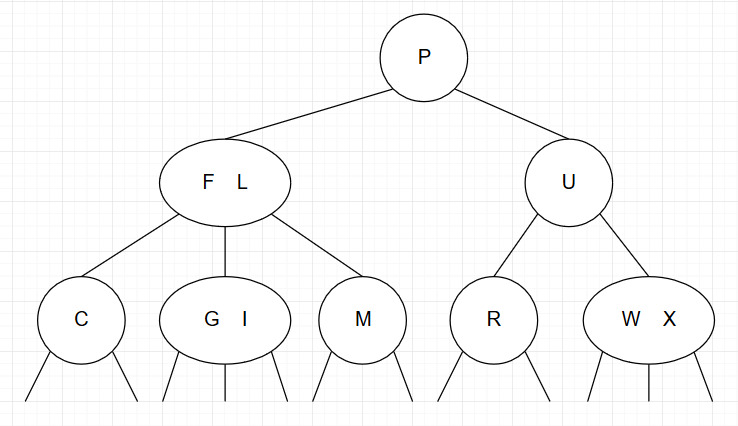
b) Insertion order: B F Y I S D N T

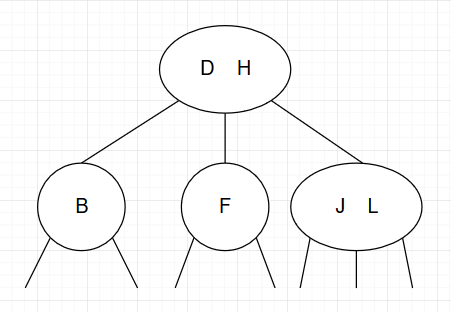


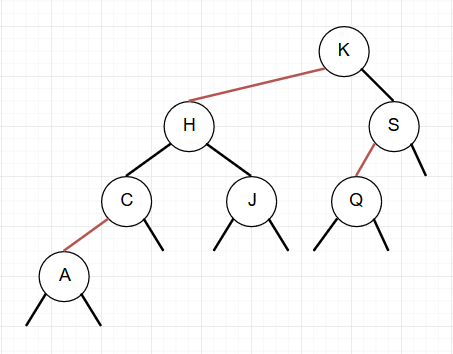
c) () is a Red-Black BST

d)

)  


)  


)  




e)

L R F F R F R F R F L