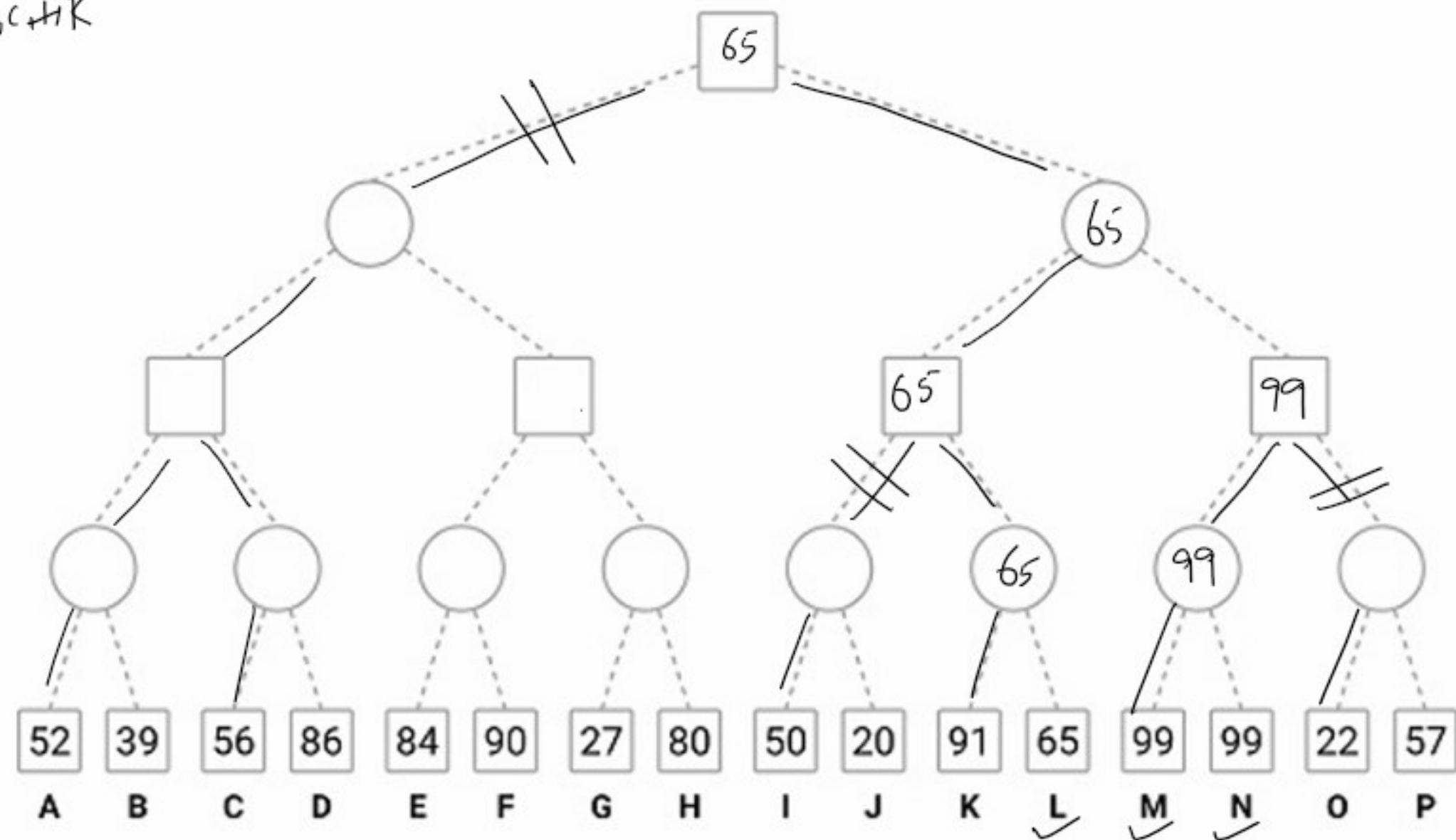


A, C, H, K



i) we will make a priority queue first

ii) we will add initial nodes with cost in descending order.

iii) if we are at max node we will solve its adjacent sibling

iv) if there are no more max node siblings we will mark its parent min node solved.

v) if we are at min node we will directly pass the value to parent node. we will not solve min node adjacent sibling.