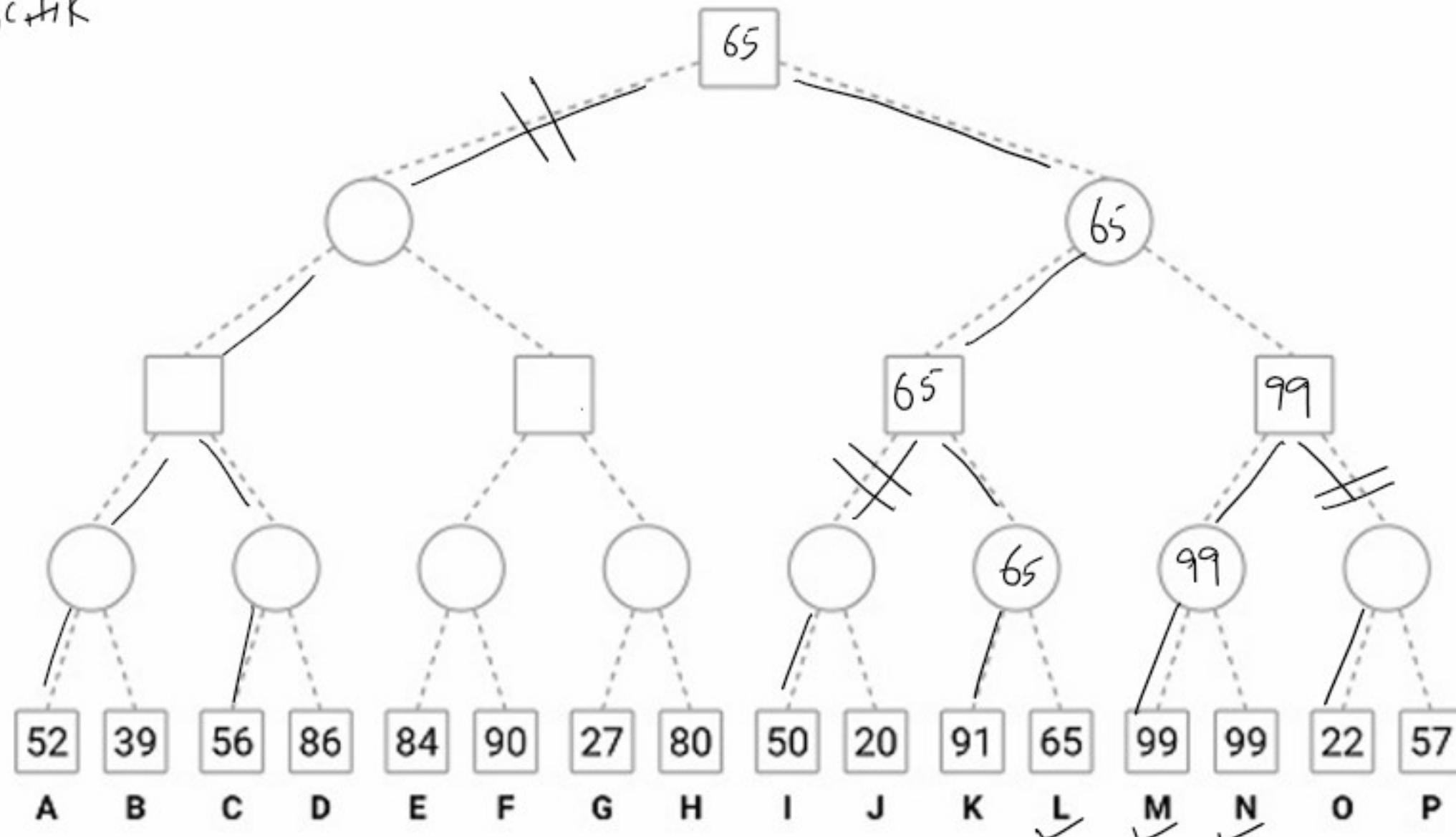


A, C + K



- 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 it's 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.