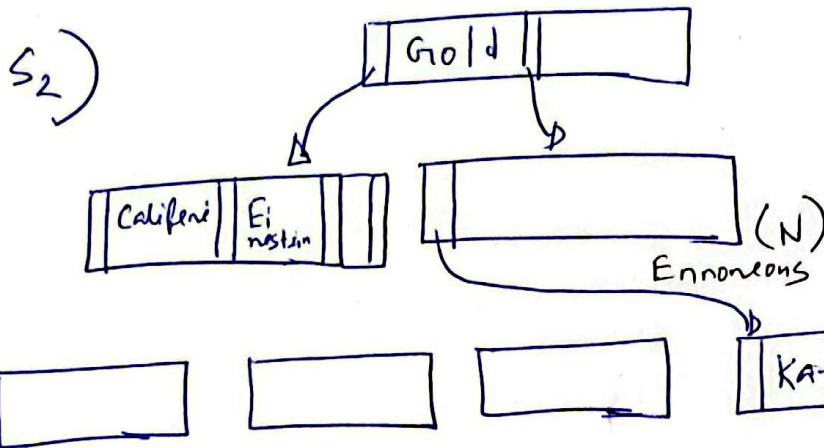
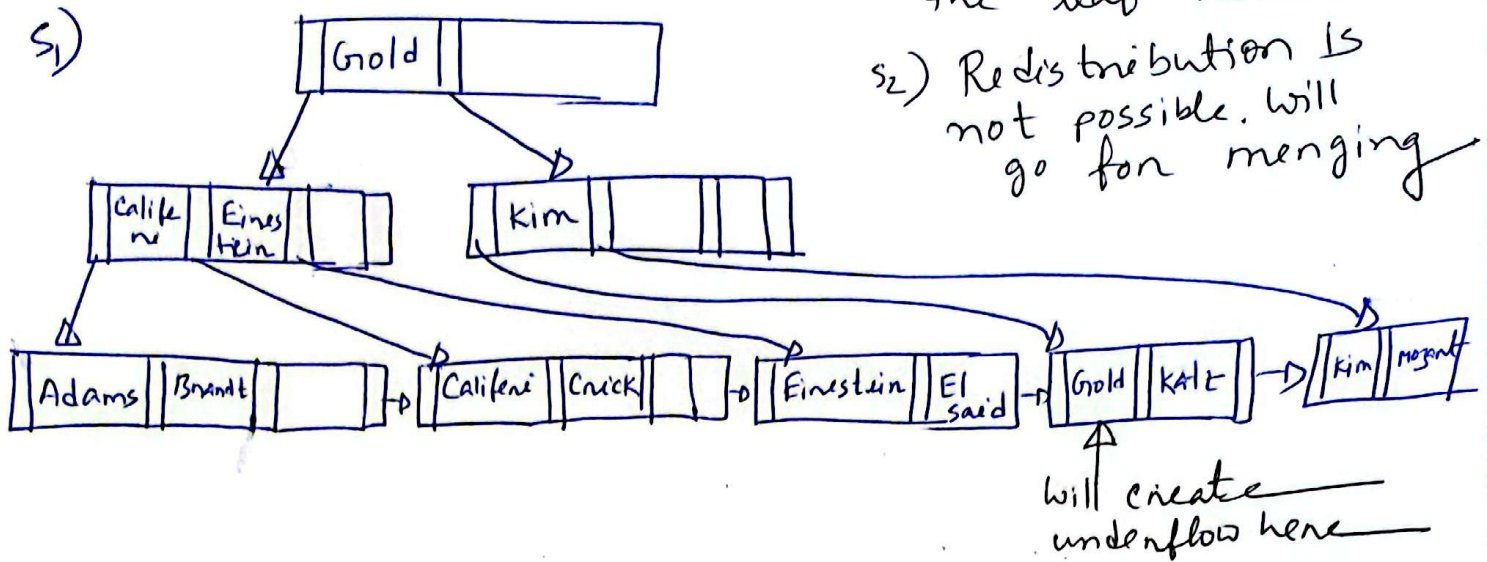


Ex 9: Deletion of Gold

s1) Delete Gold from the leaf node

s2) Redistribution is not possible. Will go for merging



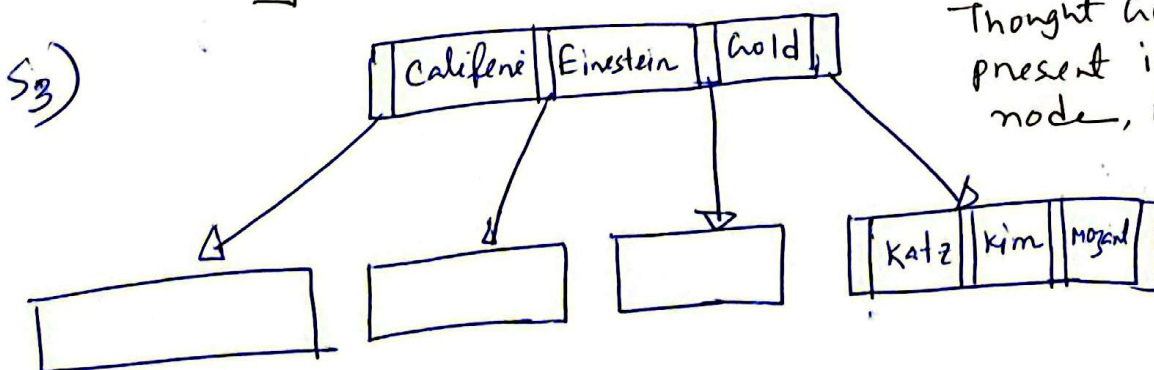
1) Deletion of (k_{i-1}, p_i) entry from parent

2) Now parent becomes underfull

3) Merging ^{might be} possible but not redistribution

5) Only solution, Reduce 1 level [supporting logic Root/parent has only 1 child node]

4) However, as no search key is remaining we can not merge properly as the whole node became obsolete



Thought Gold is not present in leaf node, it is still found in upper search keys.