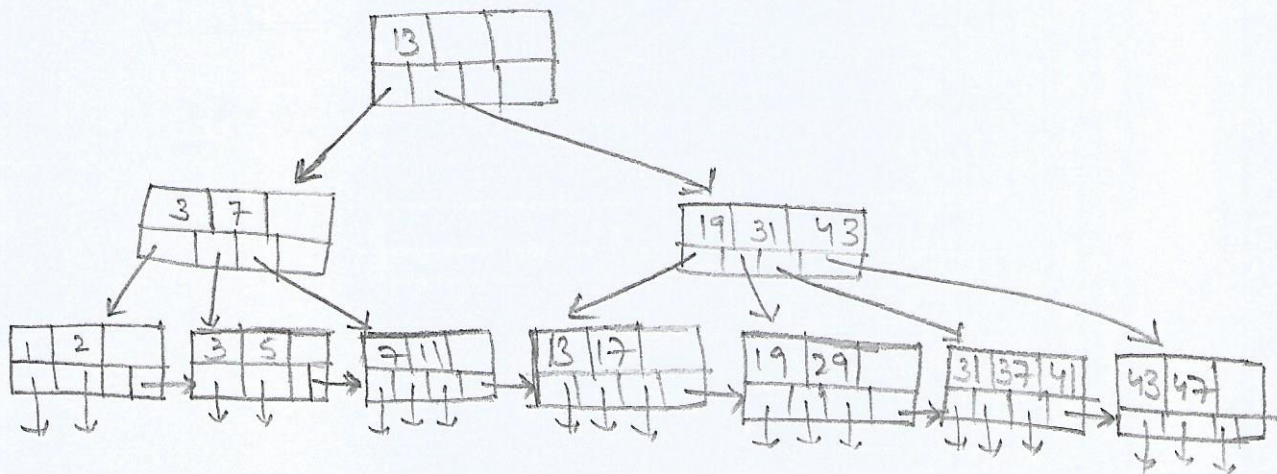


When 1 is inserted, the node containing 2, 3, 5 splits. Key 3 goes to upper block since it has a space. And 1, 2 is kept in one node and 3, 5 is kept in another.

The node 2, 3, 5 splits because, it already have 3 keys, so there is no space for another.

2. After deleting the key 23



When 23 is deleted, the nodes ~~containing~~ which are having key just less than 23 and just greater than 23 merges. But ~~which~~ while merging the resulting node has more than 3 keys, so 19 will move into upper block.