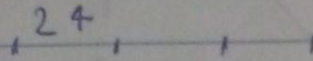
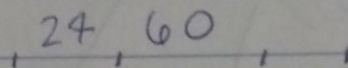


## B-Tree

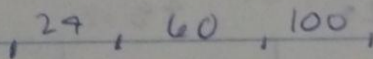
insert 24



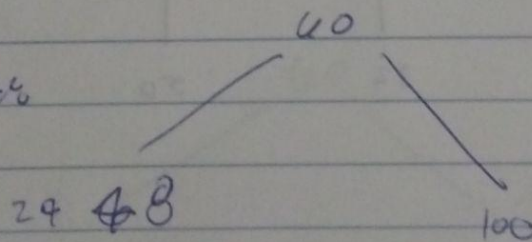
insert 60



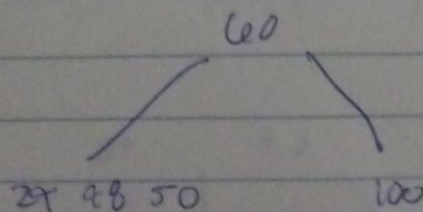
insert 100



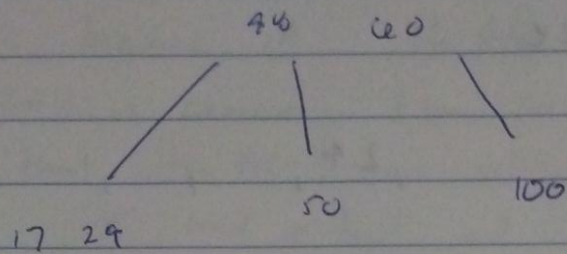
insert 48



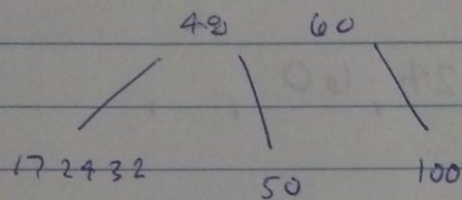
insert 50



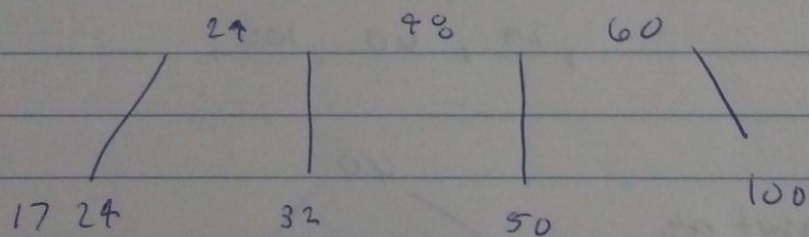
insert 17



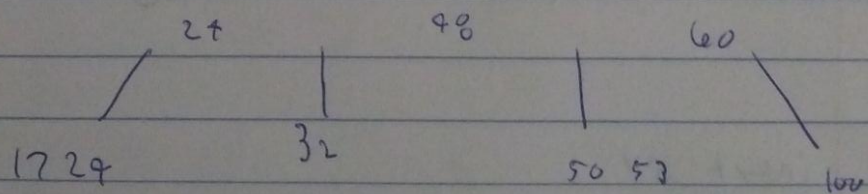
insert 32



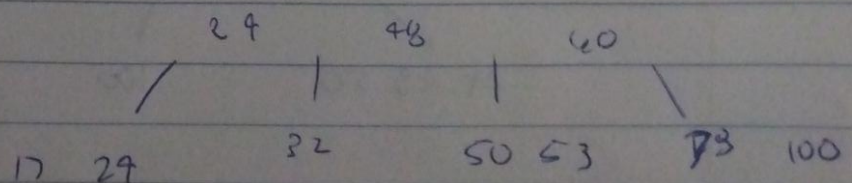
insert 24



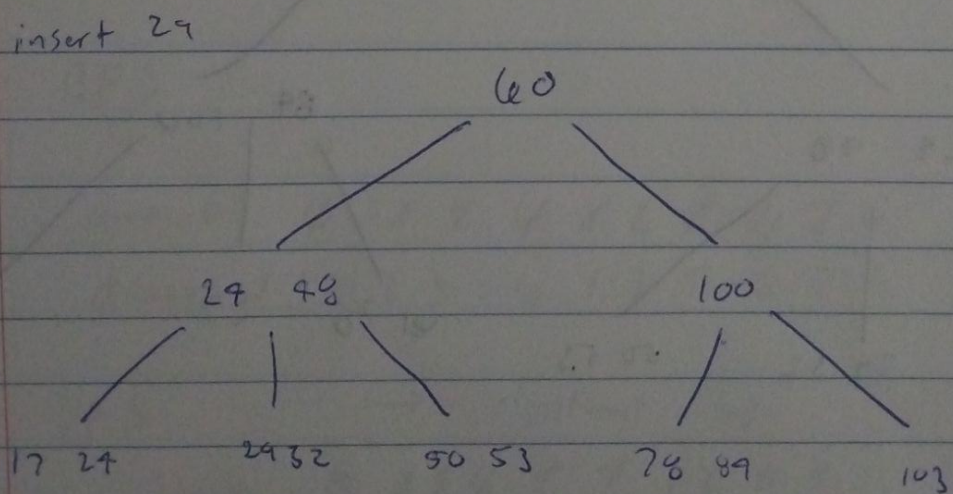
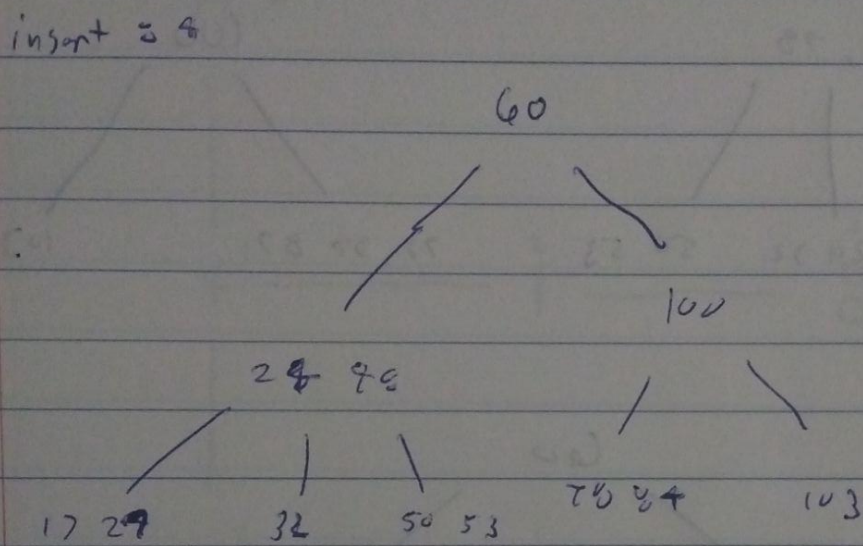
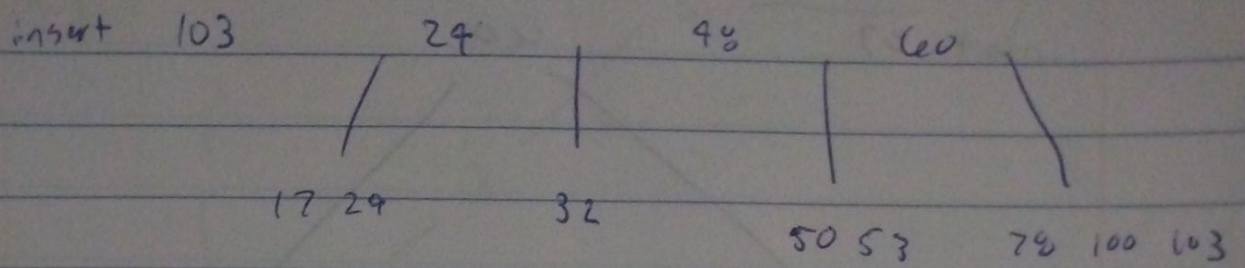
insert 53



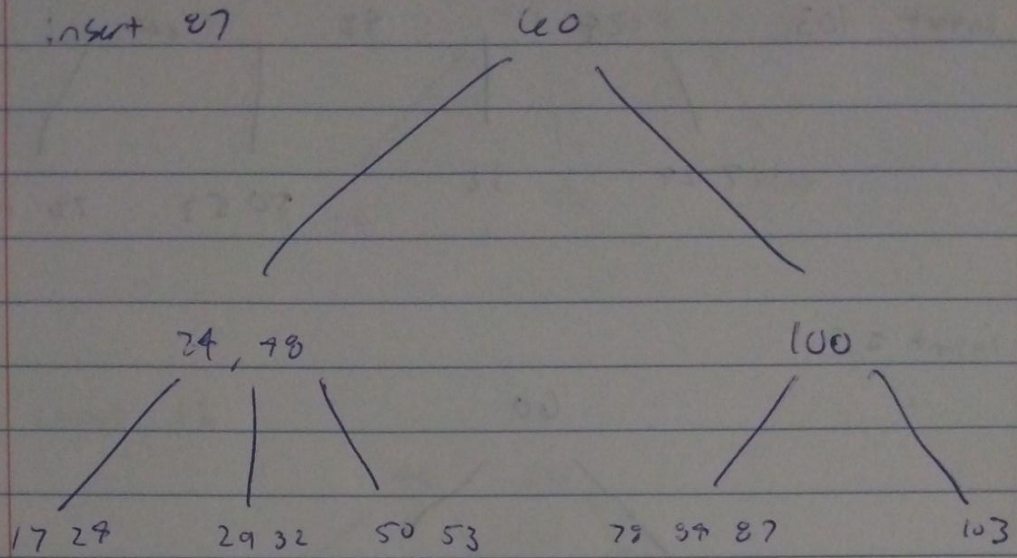
insert 78



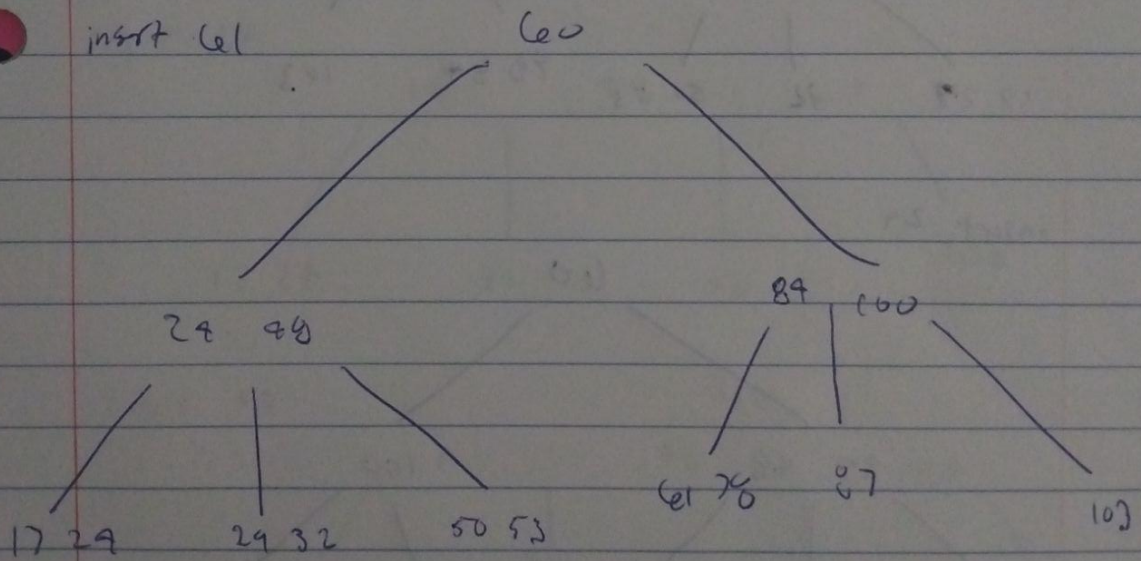




insert 27



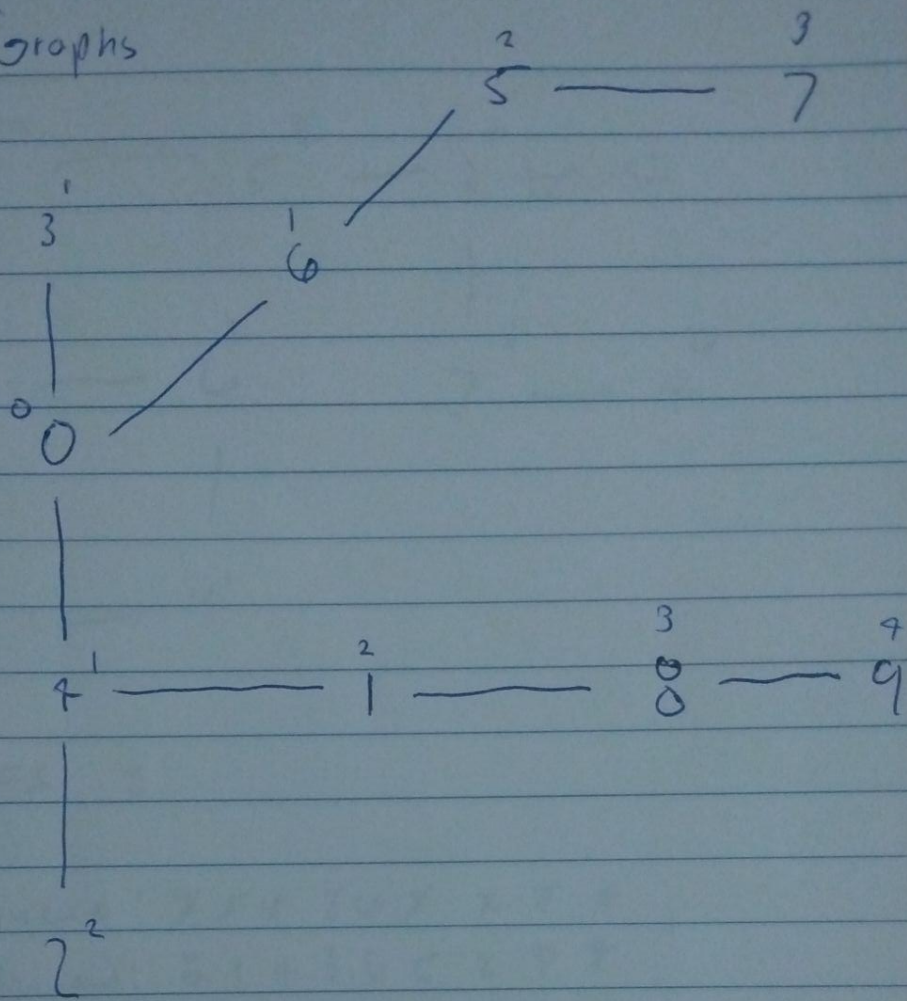
insert 61





# Graphs

(2)



## BFS

0

queue: 0 1 2 3 4 5 6 7 8 9

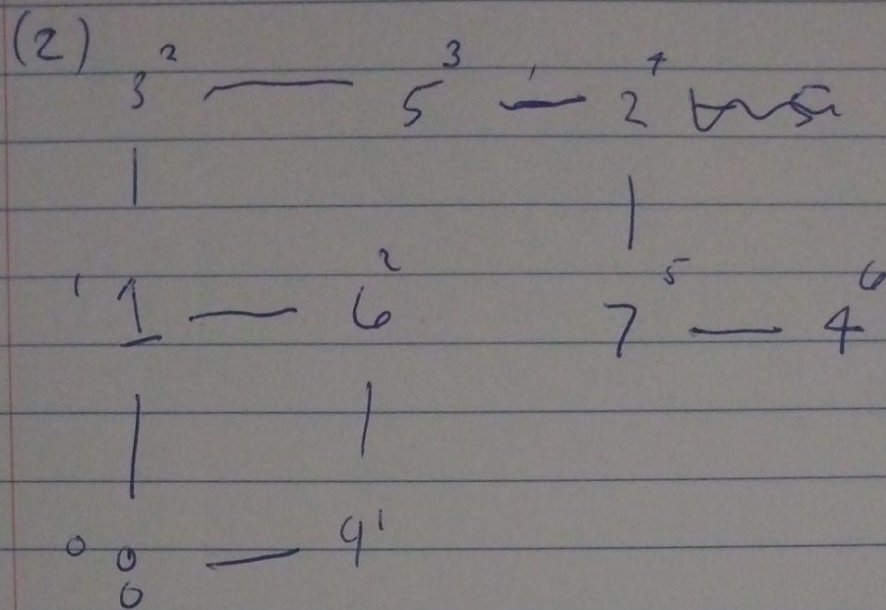
discovered: 0 1 2 3 4 5 6 7 8 9

## DFS

→ rightmost top

stack 9 8 7 6 5 4 3 2 1 0

discovered 0 1 2 3 4 5 6 7 8 9



BFS : 8

queue : ~~8~~ ~~4~~ ~~8~~ ~~6~~ ~~7~~ ~~2~~ ~~7~~ ~~4~~

discovered : 0 1 9 3 6 5 2 7 7

DFS : 6

stack : 4 ~~4~~ ~~8~~ ~~7~~ ~~2~~ ~~7~~ ~~4~~

discovered : 6 9 0 1 3 5 2 7 4