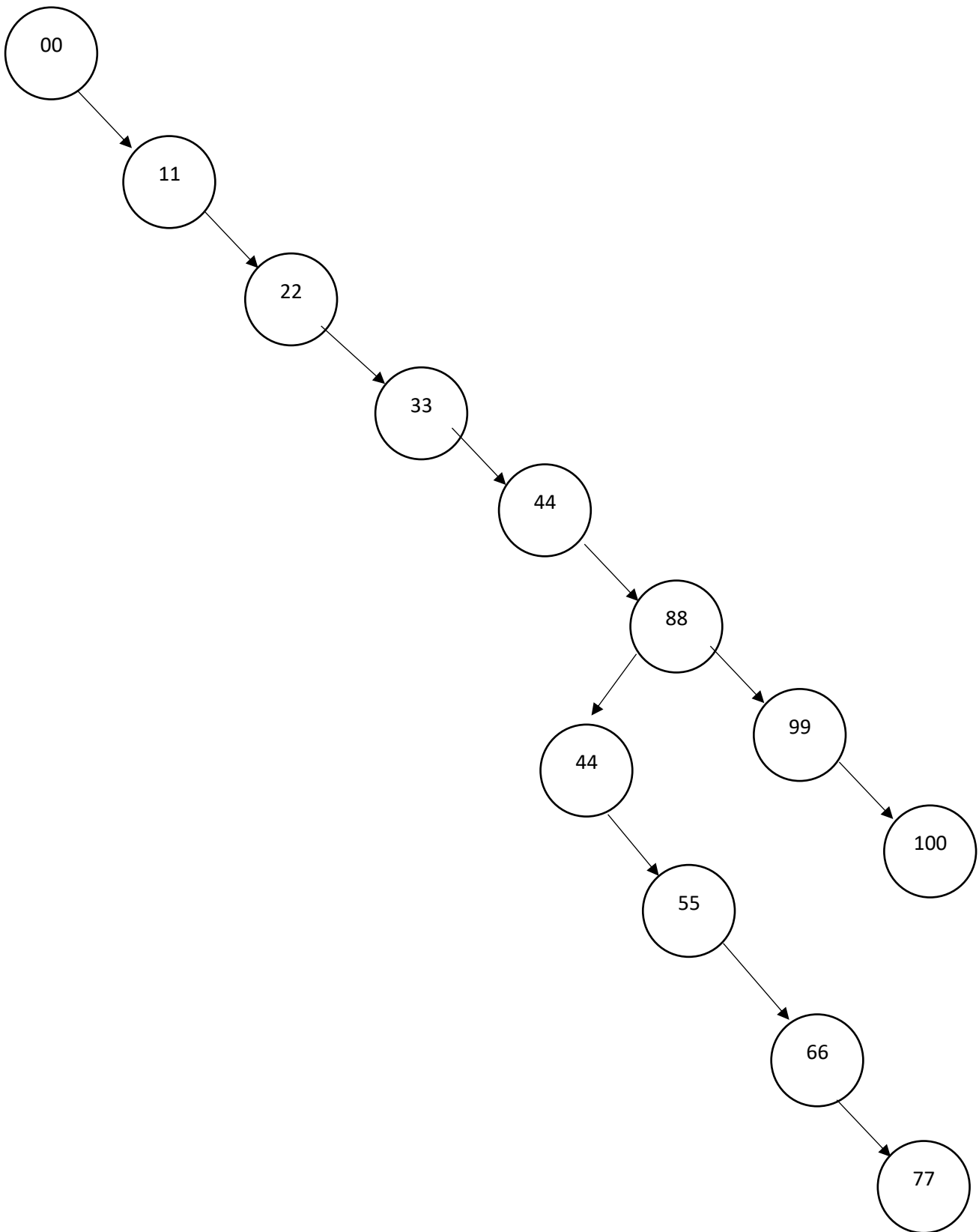
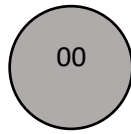


i) Binary Search Tree

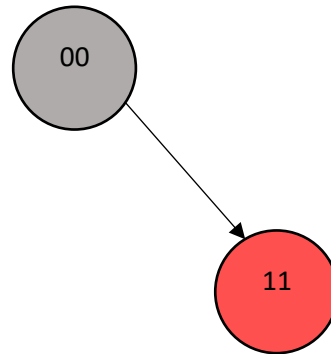


ii) Red-Black Tree

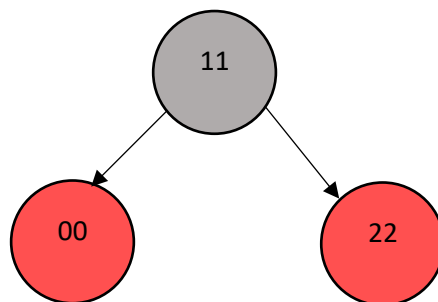
insert: 00



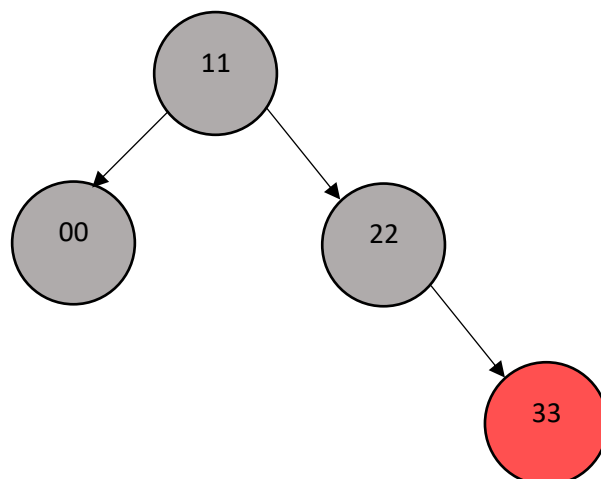
insert: 11



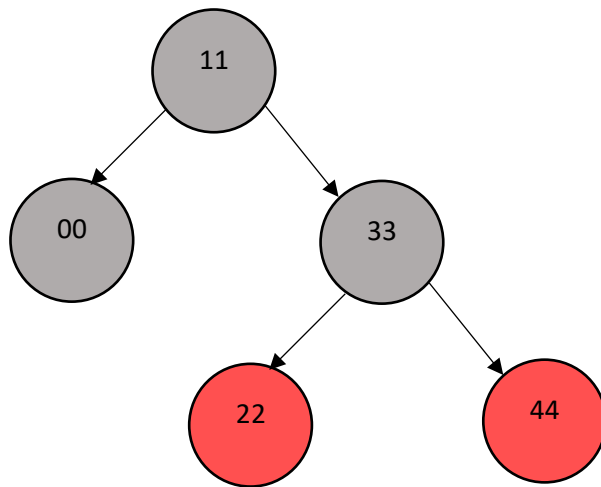
Insert: 22



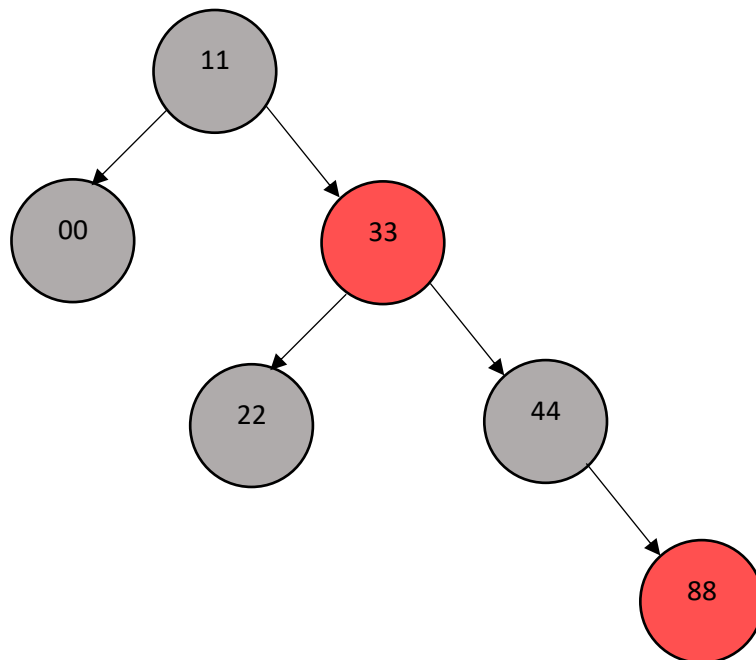
Insert: 33



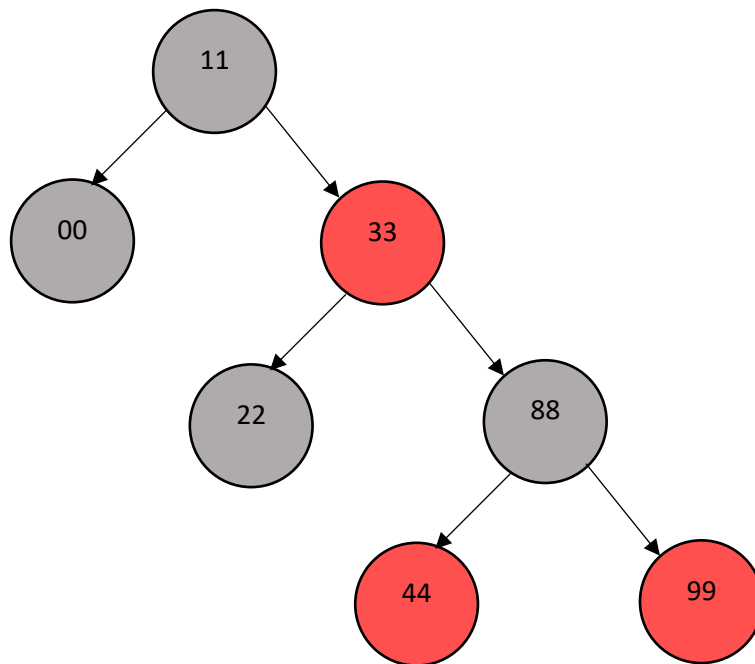
Insert: 44



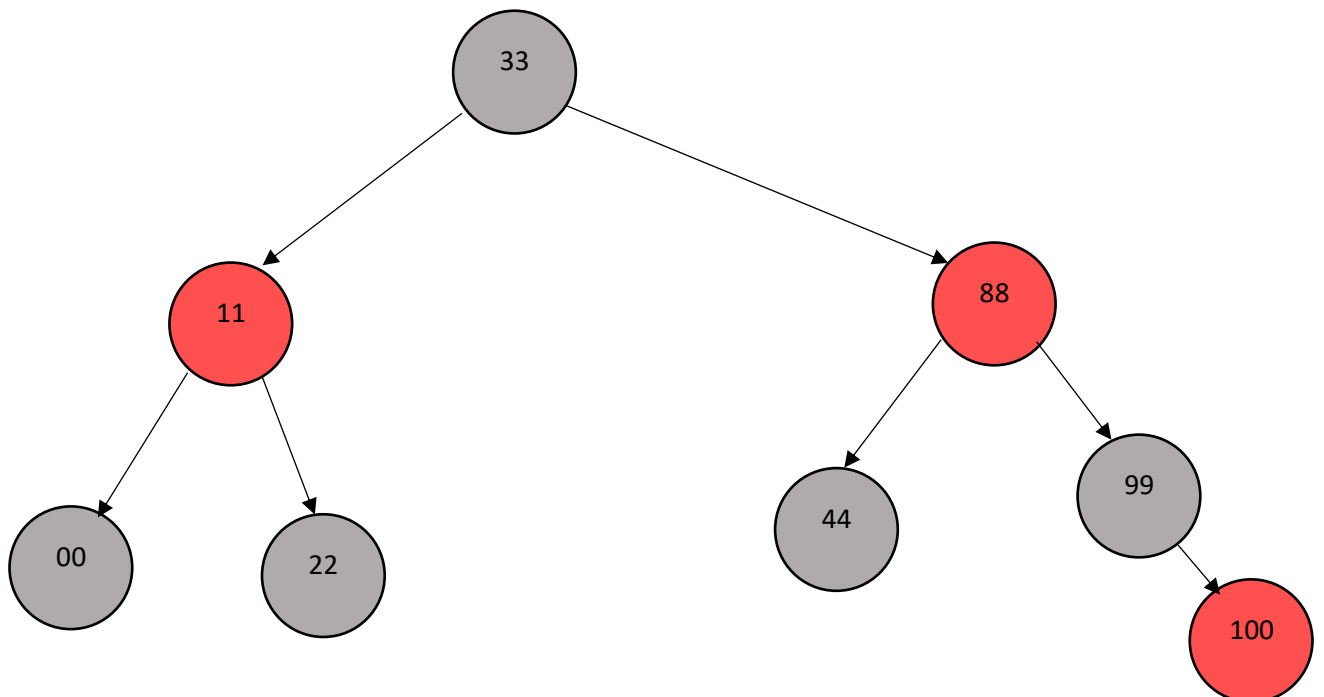
Insert: 88



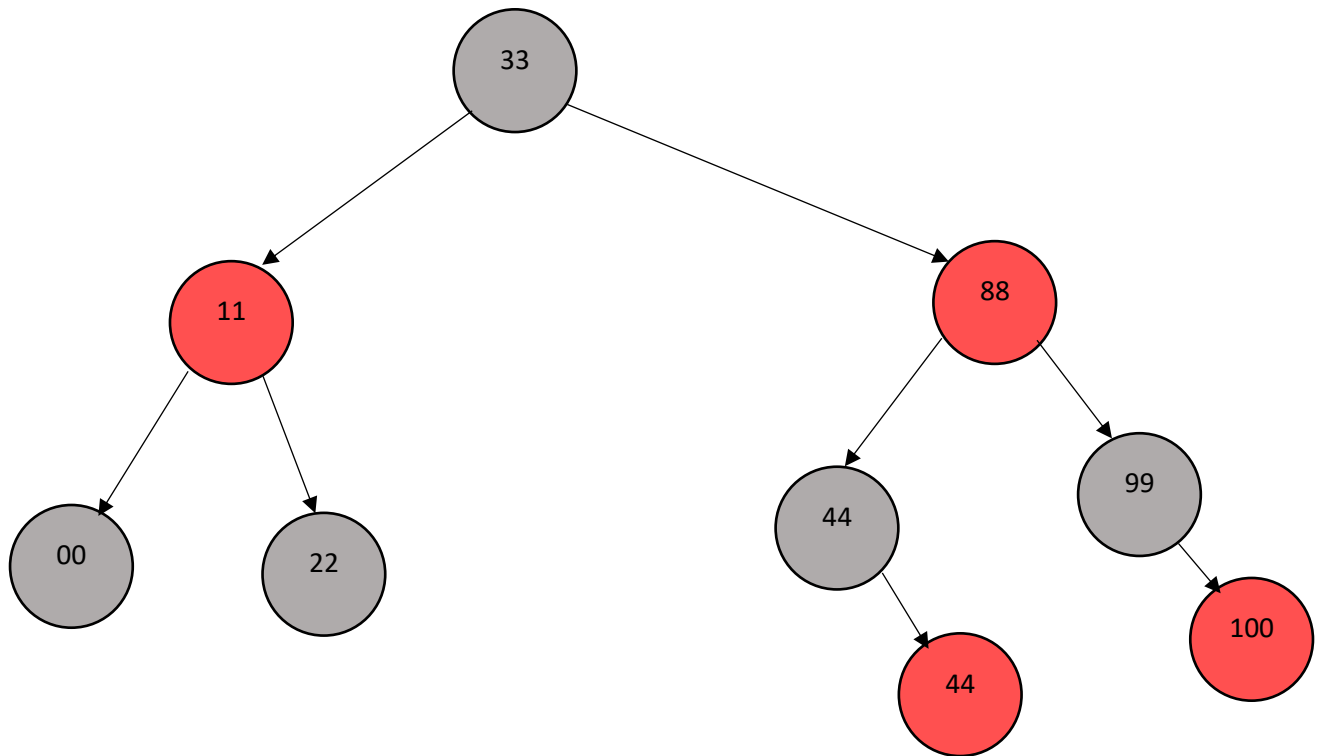
Insert: 99



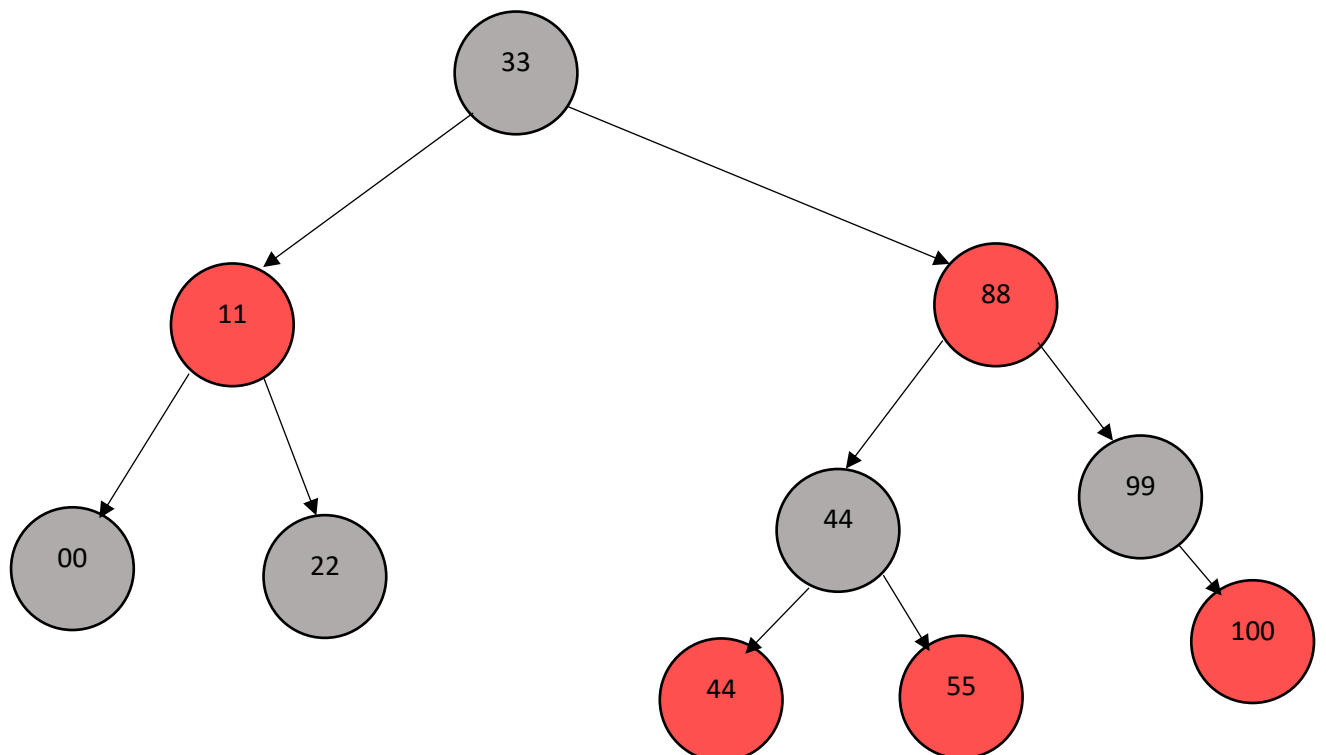
Insert:100



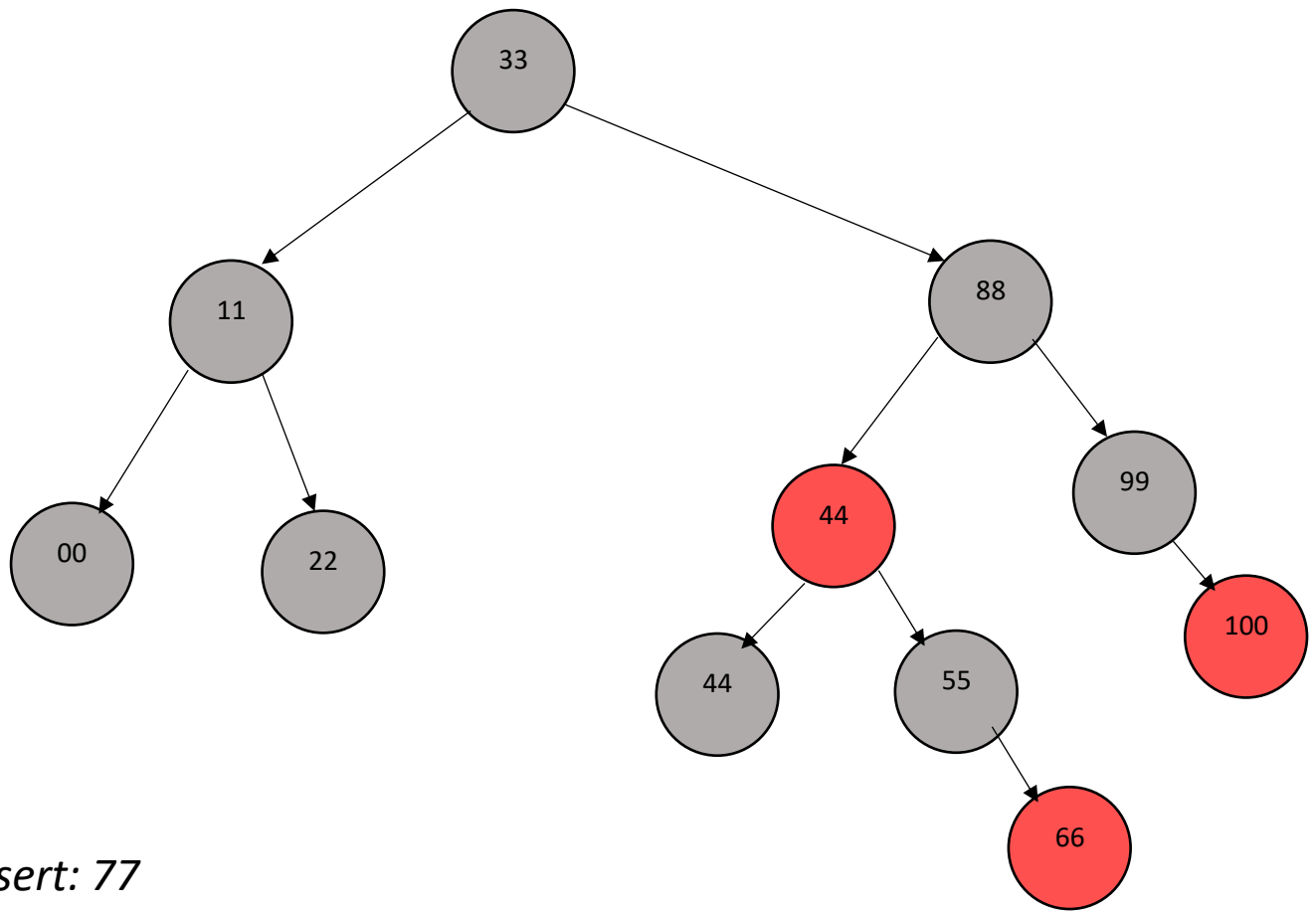
Insert: 44



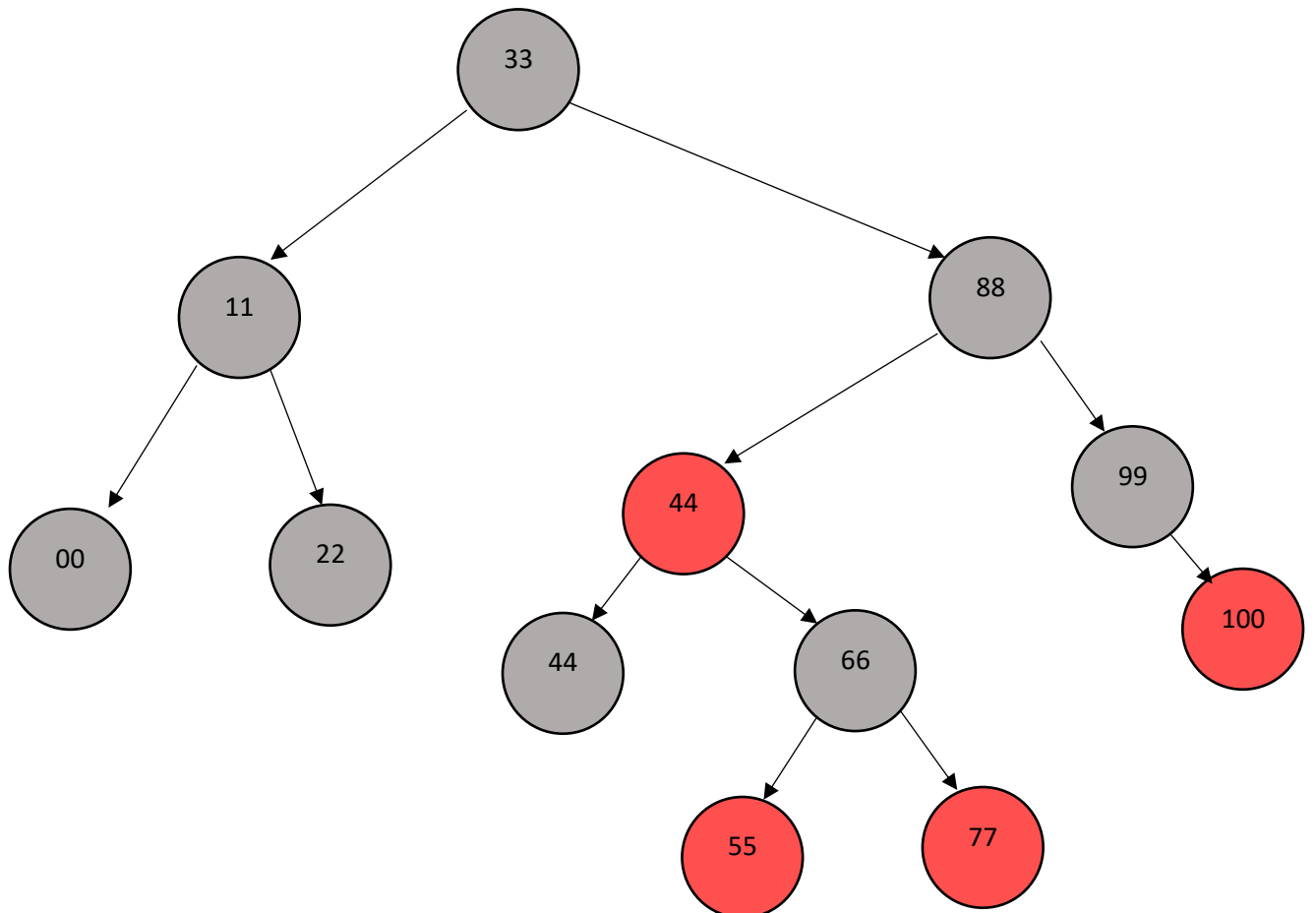
Insert: 55



Insert: 66



Insert: 77



iii) 2-3-4 Tree

00

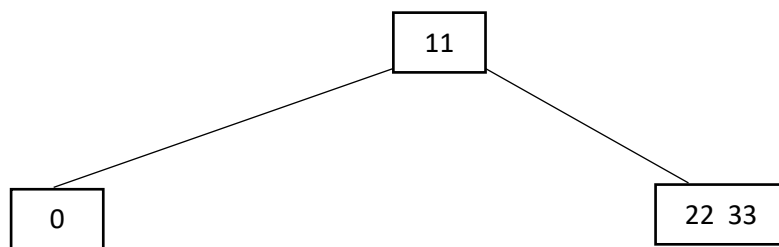
insert: 11

00 11

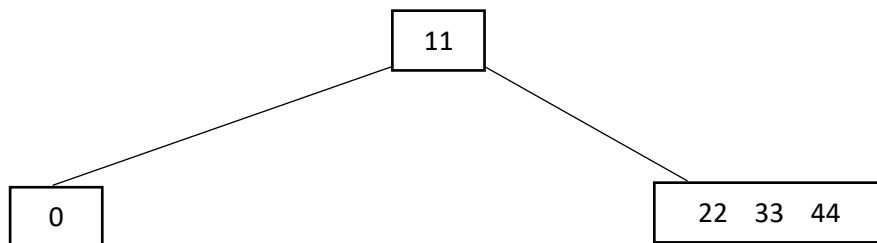
insert: 22

00 11 22

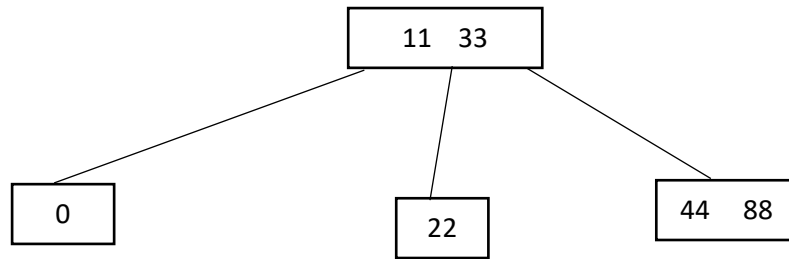
insert: 33



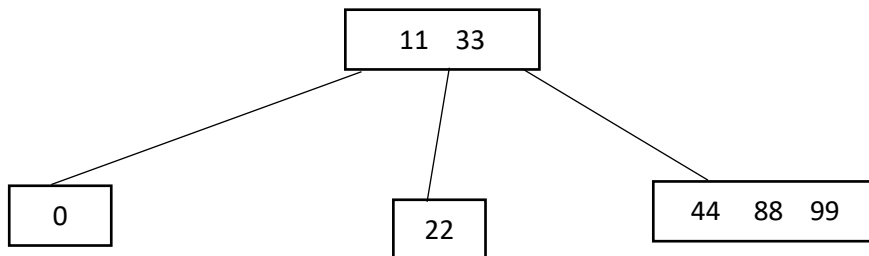
Insert: 44



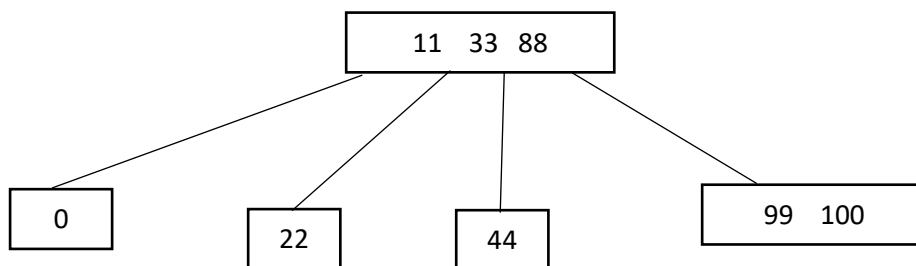
Insert: 88



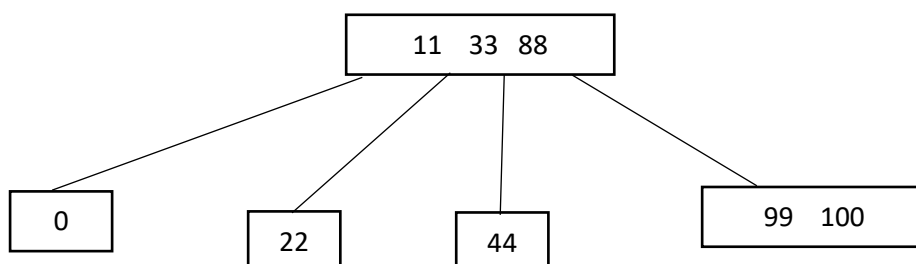
Insert:99



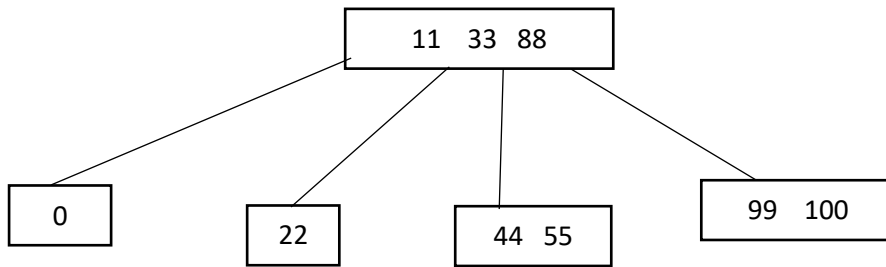
Insert: 100



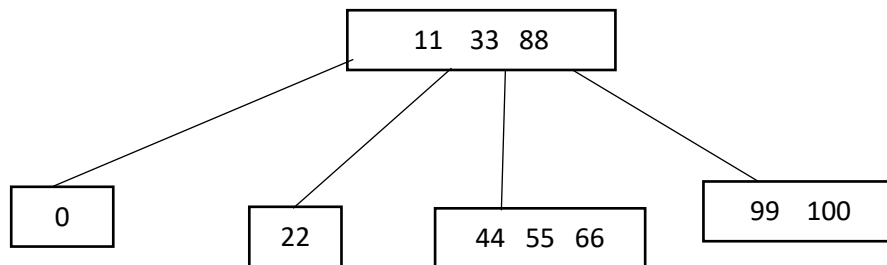
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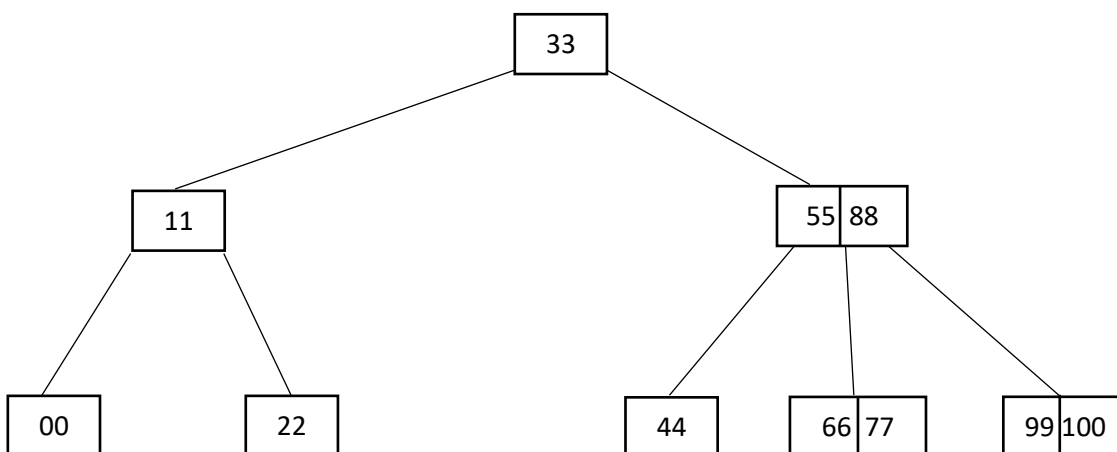
Insert: 55



Insert: 66

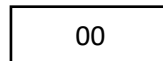


Insert: 77

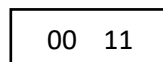


iv)B-Tree (6 keys per node)

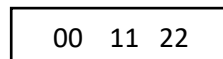
insert:00



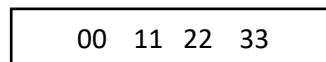
insert: 11



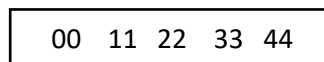
insert: 22



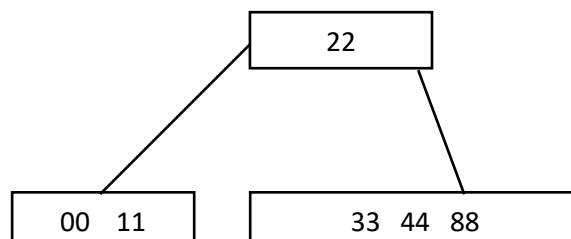
insert: 33



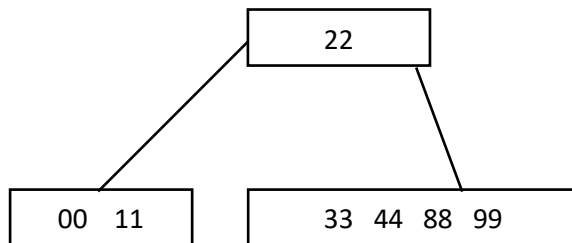
insert: 44



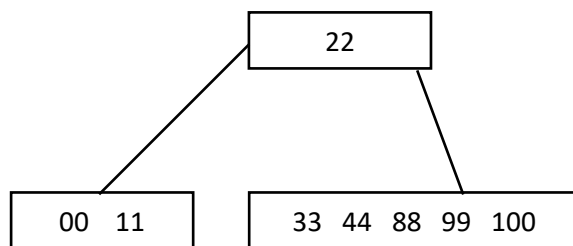
insert: 88



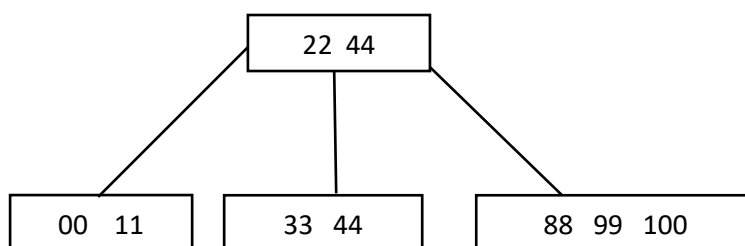
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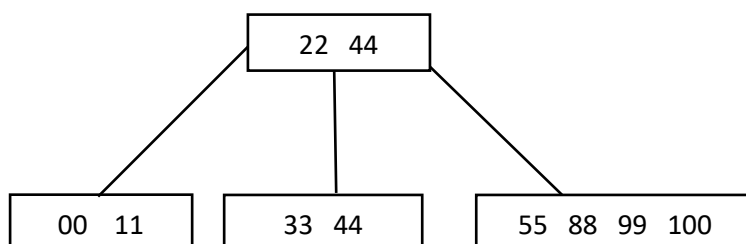
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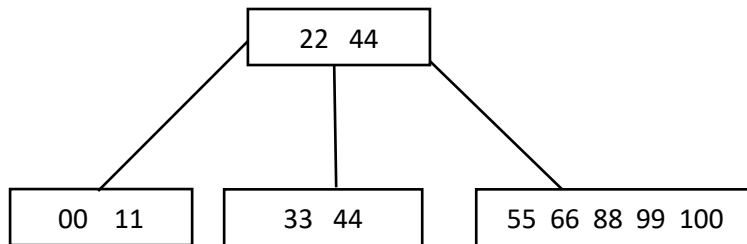
Insert:44



insert:55



Insert: 66



Insert: 77

